

LOUISVILLE GAS AND ELECTRIC COMPANY

Supporting Calculations For The

Gas Supply Clause

2022-00310

For the Period

November 1, 2022 through January 31, 2023

Louisville Gas and Electric Company

P.S.C. Gas No. 13, Seventh Revision of Original Sheet No. 5
Canceling P.S.C. Gas No. 13, Sixth 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 \$ 0.97569

Total Gas Charge per 100 cubic feet: \$ 1.49378

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.

DATE OF ISSUE: September 30, 2022

DATE EFFECTIVE: Effective with Service Rendered
On And After November 1, 2022

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.
2022-00310 dated XXXX

Louisville Gas and Electric Company

P.S.C. Gas No. 13, Seventh Revision of Original Sheet No. 9
Canceling P.S.C. Gas No. 13, Sixth 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 \$ 0.97569

Total Gas Charge per 100 cubic feet: \$ 1.49378

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.

DATE OF ISSUE: September 30, 2022

DATE EFFECTIVE: Effective with Service Rendered
On And After November 1, 2022

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.
2022-00310 dated XXXX

Louisville Gas and Electric Company

P.S.C. Gas No. 13, Seventh Revision of Original Sheet No. 10.1
Canceling P.S.C. Gas No. 13, Sixth 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	<u>0.97569</u>	
Total Charge per 100 cubic feet:	\$ 1.36519	

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:

Weather Normalization Adjustment	Sheet No. 88
Demand-Side Management Cost Recovery Mechanism	Sheet No. 86
Gas Line Tracker	Sheet No. 84
Economic Relief Surcredit	Sheet No. 89
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.

DATE OF ISSUE: September 30, 2022

DATE EFFECTIVE: Effective with Service Rendered
On And After November 1, 2022

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.
2022-00310 dated XXXX**

Louisville Gas and Electric Company

P.S.C. Gas No. 13, Sixth Revision of Original Sheet No. 15.1
Canceling P.S.C. Gas No. 13, Fifth 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	\$ 0.97569	
Total Charge per 100 cubic feet:	\$ 1.24592	

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	Sheet No. 86
Gas Line Tracker	Sheet No. 84
Economic Relief Surcredit	Sheet No. 89
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.

DATE OF ISSUE: September 30, 2022

DATE EFFECTIVE: Effective with Service Rendered
On And After November 1, 2022

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.
2022-00310 dated XXXX

Louisville Gas and Electric Company

P.S.C. Gas No. 13, Seventh Revision of Original Sheet No. 20.1
Canceling P.S.C. Gas No. 13, Sixth 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 \$ 9.7569

Total Charge Per Mcf \$ 11.6797

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
Economic Relief Surcredit	Sheet No. 89
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

DATE OF ISSUE: September 30, 2022

DATE EFFECTIVE: Effective with Service Rendered
On And After November 1, 2022

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.
2022-00310 dated XXXX

Louisville Gas and Electric Company

P.S.C. Gas No. 13, Sixth Revision of Original Sheet No. 21
Canceling P.S.C. Gas No. 13, Fifth 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	<u>9.7569</u>
Total Charge per Mcf:	\$10.1675

DATE OF ISSUE: September 30, 2022

DATE EFFECTIVE: Effective with Service Rendered
On And After November 1, 2022

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.
2022-00310 dated XXXX**

Louisville Gas and Electric Company

P.S.C. Gas No. 13, Sixth Revision of Original Sheet No. 21.1
Canceling P.S.C. Gas No. 13, Fifth 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	<u>9.7569</u>
Total Charge per Mcf:	\$10.0669

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 1/16th 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.

DATE OF ISSUE: September 30, 2022

DATE EFFECTIVE: Effective with Service Rendered
On And After November 1, 2022

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.
2022-00310 dated XXXX**

Louisville Gas and Electric Company

P.S.C. Gas No. 13, Sixth Revision of Original Sheet No. 30.2
Canceling P.S.C. Gas No. 13, Fifth 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, T
the Gas Cost True-Up Charge shall be:

\$0.2814 per Mcf for Bills Rendered On and After November 1, 2022 I/T

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

\$1.1179 per Mcf for Bills Rendered On and After November 1, 2022 I/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.

DATE OF ISSUE: September 30, 2022

DATE EFFECTIVE: Effective with Service Rendered
On And After November 1, 2022

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.
2022-00310 dated XXXX**

Louisville Gas and Electric Company

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

Standard Rate

FT

Firm Transportation Service (Transportation Only)

UTILIZATION CHARGE FOR DAILY IMBALANCES (continued)

Daily Demand Charge:	\$0.1779 per Mcf	I
Daily Storage Charge:	<u>\$0.3797</u>	
Utilization Charge for Daily Imbalances:	\$0.5576 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 $\pm 5\%$ 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

DATE OF ISSUE: September 30, 2022

DATE EFFECTIVE: Effective with Service Rendered
On And After November 1, 2022

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.
2022-00310 dated XXXX

Louisville Gas and Electric Company

P.S.C. Gas No. 13, Sixth Revision of Original Sheet No. 35.1
Canceling P.S.C. Gas No. 13, Fifth 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 0.97569 |

Total Charge per 100 cubic feet: \$1.00669 |

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	Sheet No. 84
Economic Relief Surcredit	Sheet No. 89
Franchise Fee	Sheet No. 90
School Tax	Sheet No. 91

DATE OF ISSUE: September 30, 2022

DATE EFFECTIVE: Effective with Service Rendered
On And After November 1, 2022

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.
2022-00310 dated XXXX**

Louisville Gas and Electric Company

P.S.C. Gas No. 13, Third Revision of Original Sheet No. 36.8
Canceling P.S.C. Gas No. 13, Second 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:	\$0.1779 per Mcf	I
Daily Storage Charge:	<u>\$0.3797</u>	
Utilization Charge for Daily Imbalances:	\$0.5576 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.

DATE OF ISSUE: September 30, 2022

DATE EFFECTIVE: Effective with Service Rendered
On And After November 1, 2022

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.
2022-00310 dated XXXX

Louisville Gas and Electric Company

P.S.C. Gas No. 13, Seventh Revision of Original Sheet No. 51.1
Canceling P.S.C. Gas No. 13, Sixth 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	0.9820	0.9820	0.9820	0.9820
Total	\$4.8770	\$3.6843	\$2.9048	\$1.2920

I/I/I
I/I/I

DATE OF ISSUE: September 30, 2022

DATE EFFECTIVE: Effective with Service Rendered
On And After November 1, 2022

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.
2022-00310 dated XXXX

Louisville Gas and Electric Company

P.S.C. Gas No. 13, Sixth Revision of Original Sheet No. 51.2
Canceling P.S.C. Gas No. 13, Fifth 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, T
the Gas Cost True-Up Charge shall be:

\$0.2814 per Mcf for Bills Rendered On and After November 1, 2022 I/T

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

\$1.1179 per Mcf for Bills Rendered On and After November 1, 2022 I/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

$$\text{Minimum Annual Threshold Charge} = \\ (\text{Minimum Annual Threshold minus Customer's Annual Usage}) \text{ times the Peak Period} \\ \text{Distribution Charge}$$

DATE OF ISSUE: September 30, 2022

DATE EFFECTIVE: Effective with Service Rendered
On And After November 1, 2022

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.
2022-00310 dated XXXX**

Louisville Gas and Electric Company

P.S.C. Gas No. 13, Sixth Revision of Original Sheet No. 85
Canceling P.S.C. Gas No. 13, Fifth 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	\$0.86390	I
Gas Cost Actual Adjustment (GCAA)	0.09214	I
Gas Cost Balance Adjustment (GCBA)	0.00384	I
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>0.01581</u>	
Total Gas Supply Cost Component Per 100 Cubic Feet (GSCC)	\$0.97569	I

DATE OF ISSUE: September 30, 2022

DATE EFFECTIVE: Effective with Service Rendered
On And After November 1, 2022

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.
2022-00310 dated XXXX

LOUISVILLE GAS AND ELECTRIC COMPANY

**Derivation of Gas Supply Component Applicable to
Service Rendered On and After November 1, 2022**

2022-00310

Gas Supply Cost - See Exhibit A for Detail					
Line No.	Description	Unit	Amount	\$/Mcf	\$/Ccf
1	Total Expected Gas Supply Cost	\$	130,799,599		
2	Total Expected Customer Deliveries: November 1, 2022 through January 31, 2023	Mcf	15,140,552		
3	Gas Supply Cost			8.6390	0.86390

Gas Cost Actual Adjustment (GCAA) - See Exhibit B for Detail					
	Description	Case No.		\$/Mcf	\$/Ccf
4	Current Quarter Actual Adjustment	Eff. November 1, 2022	2022-00083	0.3619	0.03619
5	Previous Quarter Actual Adjustment	Eff. August 1, 2022	2021-00458	0.3614	0.03614
6	2nd Previous Qrt. Actual Adjustment	Eff. May 1, 2022	2021-00368	0.1132	0.01132
7	3rd Previous Qrt. Actual Adjustment	Eff. February 1, 2022	2021-00251	0.0849	0.00849
8	Total Gas Cost Actual Adjustment (GCAA)			0.9214	0.09214

Gas Cost Balance Adjustment (GCBA) - See Exhibit C for Detail				
	Description		\$/Mcf	\$/Ccf
9	Gas Cost Balance Adjustment (GCBA)		0.0384	0.00384

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

Performance-Based Rate Recovery Component (PBRRC) - See Exhibit E for Detail				
	Description		\$/Mcf	\$/Ccf
15	Performance-Based Rate Recovery Component (PBRRC)		0.1581	0.01581

Gas Supply Cost Component (GSCC) Effective November 1, 2022				
	Description		\$/Mcf	\$/Ccf
16	Gas Supply Cost		8.6390	0.86390
17	Gas Cost Actual Adjustment (GCAA)		0.9214	0.09214
18	Gas Cost Balance Adjustment (GCBA)		0.0384	0.00384
19	Refund Factors (RF)		0.0000	0.00000
20	Performance-Based Rate Recovery Component (PBRRC)		0.1581	0.01581
21	Total Gas Supply Cost Component (GSCC)		9.7569	0.97569

LOUISVILLE GAS AND ELECTRIC COMPANY

Calculation of Gas Supply Costs

For the Three-Month Period From November 1, 2022 thru January 31, 2023

Line No.	MMBtu	Nov-2022	Dec-2022	Jan-2023	Total
1	Expected Gas Supply Transported Under Texas' No-Notice Service (South-to-North)	991,220	1,083,447	1,327,174	3,401,841
2	Expected Gas Supply Transported Under Texas' Rate FT (North-to-South)	596,500	616,300	616,300	1,829,100
3	Expected Gas Supply Transported Under Texas' Rate STF (South-to-North)	899,800	929,800	929,800	2,759,400
4	Expected Gas Supply Transported Under Tenn.'s Rate FT-A (Zone 0-2)	600,000	620,000	620,000	1,840,000
5	Total MMBtu Purchased	3,087,520	3,249,547	3,493,274	9,830,341
6	Plus: Withdrawals from Texas Gas' NNS Storage Service	589,100	569,300	567,600	1,726,000
7	Less: Injections into Texas Gas' NNS Storage Service	0	0	0	0
8	Expected Monthly Deliveries from TGT/TGPL to LG&E (excluding transportation volumes under LG&E Rider TS-2)	3,676,620	3,818,847	4,060,874	11,556,341
Mcf					
9	Total Purchases in Mcf	2,899,080	3,051,218	3,280,069	
10	Plus: Withdrawals from Texas Gas' NNS Storage Service	553,146	534,554	532,958	
11	Less: Injections Texas Gas' NNS Storage Service	0	0	0	
12	Expected Monthly Deliveries from TGT/TGPL to LG&E (excluding transportation volumes under LG&E Rider TS-2)	3,452,226	3,585,772	3,813,027	
13	Plus: Customer Transportation Volumes under Rider TS-2	60,350	52,336	49,547	
14	Total Expected Monthly Deliveries from TGT/TGPL to LG&E (Line 12 + Line 13)	3,512,576	3,638,108	3,862,574	
15	Less: Purchases for Depts. Other Than Gas Dept.	636	1,627	2,006	
16	Less: Purchases Injected into LG&E's Underground Storage	252,894	0	0	
17	Mcf Purchases Expensed during Month (Line 12 - Line 15 - Line 16)	3,198,696	3,584,145	3,811,021	10,593,862
18	LG&E's Storage Inventory - Beginning of Month	11,421,577	11,421,577	9,576,232	
19	Plus: Storage Injections into LG&E's Underground Storage (Line 16)	252,894	0	0	
20	LG&E's Storage Inventory - Including Injections	11,674,471	11,421,577	9,576,232	
21	Less: Storage Withdrawals from LG&E's Underground Storage	200,000	1,791,334	2,750,220	4,741,554
22	Less: Storage Losses	52,894	54,011	13,530	120,435
23	LG&E's Storage Inventory - End of Month	11,421,577	9,576,232	6,812,482	
24	Mcf of Gas Supply Expensed during Month (Line 17 + Line 21 + Line 22)	3,451,590	5,429,490	6,574,771	15,455,851
Cost					
25	Total Demand Cost - Including Transportation (Line 14 x Line 46)	\$3,358,023	\$3,478,031	\$3,692,621	
26	Less: Demand Cost Recovered thru Rate TS-2 (Line 13 x Line 46)	57,695	50,033	47,367	
27	Demand Cost - Net of Demand Costs Recovered thru LG&E Rider TS-2	\$3,300,328	\$3,427,998	\$3,645,254	
28	Commodity Costs - Gas Supply Under NNS (South-to-North) (Line 1 x Line 47)	7,254,045	8,134,628	10,155,801	
29	Commodity Costs - Gas Supply Under Rate FT (North-to-South) (Line 2 x Line 48)	4,292,235	4,550,636	4,638,705	
30	Commodity Costs - Gas Supply Under Rate STF (South-to-North) (Line 3 x Line 49)	6,563,501	6,958,530	7,092,328	
31	Commodity Costs - Gas Supply Under Rate FT-A (Zone 0-2) (Line 4 x Line 50)	4,363,740	4,625,262	4,713,426	
32	Total Purchased Gas Cost	\$25,773,849	\$27,697,054	\$30,245,514	\$83,716,417
33	Plus: Withdrawals from NNS Storage (Line 6 x Line 47)	4,311,211	4,274,361	4,343,389	12,928,961
34	Less: Purchases Injected into NNS Storage (Line 7 x Line 45)	0	0	0	0
35	Total Cost of Gas Delivered to LG&E	\$30,085,060	\$31,971,415	\$34,588,903	\$96,645,378
36	Less: Purchases for Depts. Other Than Gas Dept. (Line 15 x Line 51)	5,543	14,507	18,197	38,247
37	Less: Purchases Injected into LG&E's Storage (Line 16 x Line 51)	2,203,895	0	0	2,203,895
38	Pipeline Deliveries Expensed During Month	\$27,875,622	\$31,956,908	\$34,570,706	\$94,403,236
39	LG&E's Storage Inventory - Beginning of Month	\$85,190,116	\$85,500,872	\$71,686,804	
40	Plus: LG&E Storage Injections (Line 37 above)	2,203,895	0	0	
41	LG&E's Storage Inventory - Including Injections	\$87,394,011	\$85,500,872	\$71,686,804	
42	Less: LG&E Storage Withdrawals (Line 21 x Line 52)	1,497,180	13,409,747	20,587,872	\$35,494,799
43	Less: LG&E Storage Losses (Line 22 x Line 52)	395,959	404,321	101,284	901,564
44	LG&E's Storage Inventory - End of Month	\$85,500,872	\$71,686,804	\$50,997,648	
45	Gas Supply Expenses (Line 38 + Line 42 + Line 43)	\$29,768,761	\$45,770,976	\$55,259,862	\$130,799,599
Unit Cost					
46	12-Month Average Demand Cost - per Mcf (see Page 2)	\$0.9560	\$0.9560	\$0.9560	
47	Commodity Cost (per MMBtu) under Texas Gas's No-Notice Service (South-to-North)	\$7.3183	\$7.5081	\$7.6522	
48	Commodity Cost (per MMBtu) under Texas Gas's Rate FT (North-to-South)	\$7.1957	\$7.3838	\$7.5267	
49	Commodity Cost (per MMBtu) under Texas Gas's Rate STF (South-to-North)	\$7.2944	\$7.4839	\$7.6278	
50	Commodity Cost (per MMBtu) under Tenn. Gas's Rate FT-A (Zone 0-2)	\$7.2729	\$7.4601	\$7.6023	
51	Average Cost of Deliveries (Line 35 / Line 12)	\$8.7147	\$8.9162	\$9.0712	
52	Average Cost of Inventory - Including Injections (Line 41 / Line 20)	\$7.4859	\$7.4859	\$7.4859	
Gas Supply Cost					
53	Total Expected Mcf Deliveries (Sales) to Customers November 1, 2022 through January 31, 2023				15,140,552 Mcf
54	Current Gas Supply Cost (Line 45 / Line 53)				\$8.6390 / 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)	\$12.7104	119,913	12	\$18,289,706
2	Texas Gas Firm Transportation (Rate FT)	\$4.1793	60,000	12	3,009,096
3	Texas Gas Firm Transportation (Rate STF)	\$12.8410	12,500	12	1,926,150
4	Tenn. Gas Firm Transportation (Rate FT-A)	\$5.0676	20,000	12	1,216,224
5	<u>Long-Term Firm Contracts with Suppliers (Annualized)</u>				<u>7,505,606</u>
6				Total Annual Demand Costs	\$31,946,782

Average Demand Cost per Mcf

7	Total Annual Demand Costs (Line 5)				\$31,946,782
8	<u>Expected Annual Deliveries from Pipeline Transporters in Mcf (including Rider TS-2)</u>				<u>33,417,991</u>
9				Average Demand Cost per Mcf (Line 7 / Line 8)	\$0.9560

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)				\$0.9560
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>				<u>0.0260</u>
13				PSDC Charge per Mcf	\$0.9820

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

14	Total Annual Demand Costs (Line 5)				\$31,946,782
15	<u>Design Day Requirements in Mcf (determined in last rate case)</u>				<u>491,963</u>
16				UCDI Charge (Line 14 / Line 15 / 365 days)	\$0.1779

LOUISVILLE GAS AND ELECTRIC COMPANY

Gas Supply Clause: 2022-00310

Gas Supply Cost Effective November 1, 2022

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 November 1, 2022. 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 \$12.7104/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 November 1, 2022. 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 \$4.1793/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 November 1, 2022. 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 \$12.8410/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 November 1, 2022. 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 \$13.2440/MMBtu including the Pipeline Safety/Greenhouse Gas (PS/GHG) charge, and (b) a commodity charge of \$0.0415/MMBtu.

The rates applicable to service under this discounted rate agreement result in a monthly demand charge of \$5.0676/MMBtu including the PS/GHG charge and a volumetric throughput charge ("commodity charge") of \$0.0415/MMBtu for deliveries from Zone 0 to Zone 2.

Gas Supply Costs

The average New York Mercantile Exchange ("NYMEX") natural gas futures closes for September 19, 2022, September 20, 2022, and September 21, 2022, are \$7.3370/MMBtu for November 2022, \$7.5240/MMBtu for December 2022, and \$7.6660/MMBtu for January 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 6.4% lower compared to the same period one year ago, and 10.4% lower than the 5-year average.¹ This is expected to increase demand for natural gas to refill storage during October and November.
- Production levels have increased somewhat to 95 Bcf/day. Many producers are spending more to produce gas due to cost inflation. Some producers have reduced capital spending on production to improve their balance sheets.
- Increased economic activity has increased the demand for natural gas in the U.S.
- Exports of natural gas (by pipeline or as LNG) have grown year-over-year increasing the demand for natural gas. LNG feed gas volumes were expected to surpass 14 Bcf/day in 2022, however, feed gas volumes are now about 12 Bcf/day because of the shut-down of the 2 Bcf/day Freeport LNG facility in Texas. Freeport is expected to return to partial service in mid-November. 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.
- Gas supply disruptions, such as those caused by hurricanes or well freeze-offs, can affect prices.
- Increasing gas-fired electric generation loads are impacting the demand for natural gas.

¹ The weekly gas storage survey issued by the Energy Information Administration ("EIA") for the week ending September 16, 2022, indicated that storage inventory levels were 6.4% lower than last year's levels. Storage inventories across the nation are 197 Bcf (3,071 Bcf - 2,874 Bcf), or 6.4% lower this year than the same period one year ago. Last year at this time, 3,071 Bcf was held in storage, while this year 2,874 Bcf is held in storage. Storage inventories across the nation are 332 Bcf (3,206 Bcf - 2,874 Bcf), or 10.4%, lower this year than the five-year average. On average for the last five years at this time, 3,206 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 \$7.1480 per MMBtu for November 2022, \$7.3350 per MMBtu for December 2022, and \$7.4770 per MMBtu for January 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 \$7.1160 per MMBtu for November 2022, \$7.3030 per MMBtu for December 2022, and \$7.4450 per MMBtu for January 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 \$7.1480 per MMBtu for November 2022, \$7.3350 per MMBtu for December 2022, and \$7.4770 per MMBtu for January 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 \$7.2220 per MMBtu for November 2022, \$7.4090 per MMBtu for December 2022, and \$7.5510 per MMBtu for January 2023.

During the three-month period under review, November 1, 2022, through January 31, 2023, LG&E estimates that its total purchases will be 11,556,341 MMBtu. LG&E expects that 5,127,841 MMBtu will be met with deliveries from TGT's pipeline service under Rate NNS (3,401,841 MMBtu in pipeline south-to-north deliveries plus 1,726,000 MMBtu in storage withdrawals); 1,829,100 MMBtu from north-to-south deliveries under TGT's pipeline service under Rate FT; 2,759,400 MMBtu from south-to-north deliveries under TGT's pipeline service under Rate STF; and 1,840,000 MMBtu will be met from deliveries under TGPL's pipeline service under Rate FT-A from Zone 0.

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
Nov-2022	\$7.1480	1.48%	\$0.0629	\$7.3183
Dec-2022	\$7.3350	1.48%	\$0.0629	\$7.5081
Jan-2023	\$7.4770	1.48%	\$0.0629	\$7.6522

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
Nov-2022	\$7.1160	0.59%	\$0.0375	\$7.1957
Dec-2022	\$7.3030	0.59%	\$0.0375	\$7.3838
Jan-2023	\$7.4450	0.59%	\$0.0375	\$7.5267

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 FT TRANSPORT CHARGE	TOTAL ESTIMATED DELIVERED PRICE
Nov-2022	\$7.1480	1.30%	\$0.0523	\$7.2944
Dec-2022	\$7.3350	1.30%	\$0.0523	\$7.4839
Jan-2023	\$7.4770	1.30%	\$0.0523	\$7.6278

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-2 TRANSPORT CHARGE	TOTAL ESTIMATED DELIVERED PRICE
Nov-2022	\$7.2220	0.13%	\$0.0415	\$7.2729
Dec-2022	\$7.4090	0.13%	\$0.0415	\$7.4601
Jan-2023	\$7.5510	0.13%	\$0.0415	\$7.6023

The annual demand billings covering the 12 months from November 1, 2022 through October 31, 2023, for firm contracts with natural gas suppliers are currently expected to be \$7,505,606.

Rate FT and Rider PS-FT

The demand-related supply costs applicable to the Utilization Charge for Daily Imbalances under Rate FT and Rider PS-FT applicable during the three-month period of November 1, 2022 through January 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 4.1
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

	Base Tariff Rates
SL-SL	0.0104
SL-1	0.0355
SL-2	0.0399
SL-3	0.0445
SL-4	0.0528
1-1	0.0337
1-2	0.0385
1-3	0.0422
1-4	0.0508
2-2	0.0323
2-3	0.0360
2-4	0.0446
3-3	0.0312
3-4	0.0398
4-4	0.0360

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

Minimum Rates: Commodity minimum base rates are presented in Section 4.12.

Backhaul rates equal forward haul rates from Zone SL to zone of delivery; provided, however, that 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>
	<u>Currently Effective Rates [1]</u>	<u>Currently Effective Rates [1]</u>
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

Twentieth Revised Sheet No. 14
Superseding
Nineteenth Revised Sheet No. 14

RATES PER DEKATHERM

FIRM TRANSPORTATION RATES
RATE SCHEDULE FOR FT-A

Base Reservation Rates		DELIVERY ZONE							
RECEIPT 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/		DELIVERY ZONE							
RECEIPT 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/		DELIVERY ZONE							
RECEIPT ZONE	0	L	1	2	3	4	5	6	
0	\$4.7431		\$9.8584	\$13.2440	\$13.4776	\$14.8043	\$15.7111	\$19.6995	
L		\$4.2162							
1	\$7.1156		\$6.8229	\$9.0637	\$12.8194	\$12.6258	\$14.2328	\$17.4901	
2	\$13.2441		\$9.0096	\$4.7093	\$4.4055	\$5.6234	\$7.7160	\$9.9462	
3	\$13.4776		\$7.1466	\$4.7470	\$3.4382	\$5.2552	\$9.4650	\$10.9295	
4	\$17.0988		\$15.7674	\$6.0389	\$9.1521	\$4.5048	\$4.8678	\$6.9332	
5	\$20.3785		\$14.3341	\$6.3324	\$7.6520	\$4.9989	\$4.6921	\$6.0936	
6	\$23.5664		\$16.4566	\$11.3412	\$12.4891	\$8.8361	\$4.6716	\$4.0505	

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 \$0.0488.

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

Twenty Second Revised Sheet No. 15
Superseding
Twenty First 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	\$0.0051		\$0.0134	\$0.0196	\$0.0238	\$0.2279	\$0.2176	\$0.2586
L		\$0.0031						
1	\$0.0061		\$0.0100	\$0.0166	\$0.0198	\$0.1941	\$0.1979	\$0.2257
2	\$0.0186		\$0.0106	\$0.0031	\$0.0047	\$0.0641	\$0.1016	\$0.1124
3	\$0.0226		\$0.0188	\$0.0045	\$0.0021	\$0.0850	\$0.1169	\$0.1275
4	\$0.0269		\$0.0224	\$0.0106	\$0.0124	\$0.0404	\$0.0563	\$0.0900
5	\$0.0303		\$0.0275	\$0.0119	\$0.0137	\$0.0560	\$0.0555	\$0.0685
6	\$0.0365		\$0.0319	\$0.0162	\$0.0182	\$0.0852	\$0.0471	\$0.0293

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 \$0.0019.

Texas Gas Transmission, LLC
FERC NGA Gas Tariff
Fourth Revised Volume No. 1
Effective On: November 1, 2021

Section 4.18.1
Currently Effective Rates - Fuel Retention - General
Version 15.0.0

**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

<u>Delivery Fuel Zone</u>	<u>EFRP [1]</u>
South	1.03%
Middle	0.98%
North	1.48%

FT/STF/IT Rate Schedules

<u>Rec/Del Fuel Zone</u>	<u>EFRP</u>
South/South	0.87%
South/Middle	0.82%
South/North	1.30%
Middle/South	0.91%
Middle/Middle	0.10%
Middle/North	0.65%
North/South	1.38%
North/Middle	0.64%
North/North	0.59%

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

<u>Injection / Withdrawal</u>
0.56%

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

<u>Delivery Fuel Zone</u>	<u>EFRP</u>
South	0.04%
Middle	0.37%
North	0.52%

[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

Eighteenth Revised Sheet No. 32
Superseding
Substitute Seventeenth 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	0.61%		1.85%	2.81%	3.45%	4.14%	4.68%	5.31%
	L		0.32%						
	1	0.77%		1.35%	2.31%	2.85%	3.39%	4.08%	4.64%
	2	2.74%		1.44%	0.31%	0.56%	1.02%	1.74%	2.32%
	3	3.35%		2.78%	0.56%	0.17%	1.41%	2.00%	2.66%
	4	3.99%		3.15%	1.43%	1.70%	0.58%	0.88%	1.49%
	5	4.68%		4.08%	1.74%	2.03%	0.87%	0.86%	1.09%
	6	5.58%		4.85%	2.32%	2.66%	1.40%	0.69%	0.36%

Broad Run Expansion Project – Market Component (Z3-Z1): 5/ 6.21%

EPCR 3/, 4/ -----	RECEIPT ZONE	DELIVERY ZONE							
		0	L	1	2	3	4	5	6
	0	\$0.0034		\$0.0132	\$0.0204	\$0.0254	\$0.0307	\$0.0349	\$0.0419
	L		\$0.0011						
	1	\$0.0046		\$0.0093	\$0.0169	\$0.0207	\$0.0257	\$0.0315	\$0.0362
	2	\$0.0204		\$0.0099	\$0.0011	\$0.0030	\$0.0067	\$0.0122	\$0.0167
	3	\$0.0254		\$0.0207	\$0.0030	\$0.0000	\$0.0097	\$0.0144	\$0.0192
	4	\$0.0307		\$0.0238	\$0.0099	\$0.0120	\$0.0032	\$0.0055	\$0.0104
	5	\$0.0349		\$0.0315	\$0.0122	\$0.0144	\$0.0055	\$0.0054	\$0.0072
	6	\$0.0419		\$0.0362	\$0.0167	\$0.0192	\$0.0097	\$0.0041	\$0.0015

Broad Run Expansion Project – Market Component (Z3-Z1): 5/ \$0.0515

- 1/ Included in the above F&LR is the Losses component of the F&LR equal to 0.13%.
- 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 0.13%.
- 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 0.13%.

LOUISVILLE GAS AND ELECTRIC COMPANY

Gas Supply Clause: 2022-00310

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 2022-00083 during the three-month period of May 2022 through July 2022 was the following:

(Over)/Under Recovery: \$ 11,321,173

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 debit with service rendered on and after November 1, 2022 and continue for 12 months:

GCAA Factor per 100 cubic feet: \$ 0.03619

Also enclosed, on pages 6 and 7 of Exhibit B-1, is a breakdown of gas purchases for the three-month period from May 2022 through July 2022. [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 2021-00130 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:	November 1, 2022	2022-00083	\$ 0.03619
Previous Quarter Actual Adjustment:	August 1, 2022	2021-00458	\$ 0.03614
2 nd Previous Quarter Actual Adjustment	May 1, 2022	2021-00368	\$ 0.01132
3 rd Previous Quarter Actual Adjustment:	February 1, 2022	2021-00251	\$ 0.00849
Total Gas Cost Actual Adjustment (GCAA)			\$ 0.09214

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 November 1, 2022

Line No.	Recovery Period	Case Number	Total Dollars of Gas Cost Recovered ¹	Gas Supply Cost Per Books ²	(Over)/Under Recovery
(1)	(2)	(3)	(4)	(5)	(6)=(5)-(4)
1	May-2022	2022-00083	\$3,753,326	\$12,808,259	\$9,054,933
2	Jun-2022	2022-00083	\$5,314,705	\$9,118,055	\$3,803,350
3	Jul-2022	2022-00083	\$4,403,997	\$4,978,025	\$574,028
4	Aug-2022	(Note 3)	\$2,111,138	\$0	(\$2,111,138)
5			\$15,583,166	\$26,904,339	\$11,321,173
6		(Over)/Under Recovery	\$11,321,173		
7		Expected Mcf Sales for			
8		12-Month Period from Date Implemented	31,281,547		
9		GCAA Factor per Mcf	\$0.3619		
10		GCAA Factor per Ccf	\$0.03619		

¹ See Page 2 of this Exhibit.

² See Page 5 of this Exhibit.

³ Current sales included in meter readings for prior month.

LOUISVILLE GAS AND ELECTRIC COMPANY
Calculation of Gas Costs Recovered
Under Company's Gas Supply Clause
For Service Rendered On and After November 1, 2022

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	May-2022	Prorated	2022-00083	1,353,023.2 ¹	561,582.5 ²	\$6.5997	\$0	\$3,706,276
2	Jun-2022		2022-00083	781,082.6	781,082.6	\$6.5997	\$0	\$5,154,911
3	Jul-2022		2022-00083	650,186.6	650,186.6	\$6.5997	\$0	\$4,291,037
4	Aug-2022	Prorated	2022-00083	633,620.0 ¹	<u>319,884.0 ²</u>	\$6.5997		<u>\$2,111,138</u>
5					2,312,735.7		\$0	\$15,263,362
		\$ Recovered ³ Under Rider TS- 2	\$ Recovered ⁴ Under Rate FT	\$ from OSS	Total \$ Recovered (13)=(9)+(10)+(11))+(12)			
		(10)	(11)	(12)				
6	May-2022	\$32,532	\$14,518	\$0	\$3,753,326			
7	Jun-2022	\$117,868	\$41,926	\$0	\$5,314,705			
8	Jul-2022	\$57,599	\$55,361	\$0	\$4,403,997			
9	Aug-2022	<u>\$207,999</u>	<u>\$111,805</u>	<u>\$0</u>	<u>\$2,111,138</u>			
10		\$207,999	\$111,805	\$0	\$15,583,166			

¹ For information purposes only, volumes will be prorated.

² Portion of month billed at rate effective this quarter.

³ See Page 3 of this Exhibit.

⁴ See Page 4 of this Exhibit.

LOUISVILLE GAS AND ELECTRIC COMPANY
Summary of Gas Costs Recovered
Under Provisions of Rider TS-2
For Service Rendered On and After November 1, 2022

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	May-2022	2022-00083	35,911.0	\$0.8831	\$31,713	\$0	68.0	\$522	33.0	\$298	\$0	\$0	\$32,532
2	Jun-2022	2022-00083	111,369.0	\$0.8831	\$98,350	\$0	190.0	\$1,251	1,976.0	\$18,267	\$0	\$0	\$117,868
3	Jul-2022	2022-00083	63,811.0	\$0.8831	\$56,351	\$0	135.0	\$1,248	0	\$0	\$0	\$0	\$57,599
4	Total Amount to Transfer to Exhibit B-1, Page 2											\$207,999	

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 November 1, 2022

Line No.	Recovery Period	Case Number	UCDI Demand Chrg / Mef	Cash-Out Sales (Mef)	Cash-Out Sales (\$)	MMBTU Adjust. (Mef)	MMBTU Adjust. (\$)	UCDI Mef	UCDI \$ [(3)x(8)]	OFO \$	Rate FT Gas True-Up Charge Revenue	Monthly \$'s Recovered [(5)+(7)+(9)+(10)+(11)]
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1	May-2022	2022-00083	\$0.1698	-	\$0	853.0	\$4,672	43,793.0	\$7,436	\$0	\$2,410	\$14,518
2	Jun-2022	2022-00083	\$0.1698	1,808.0	\$18,473	2,467.0	\$16,180	30,308.0	\$5,146	\$0	\$2,127	\$41,926
3	Jul-2022	2022-00083	\$0.1698	3,935.0	\$34,853	1,633.0	\$11,643	39,977.0	\$6,788	\$0	\$2,077	\$55,361
4								Total Amount to Transfer to Exhibit B-1, Page 2				\$111,805

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 MAY 2022 THROUGH JULY 2022

DELIVERED BY TEXAS GAS TRANSMISSION, LLC

		MAY 2022			JUNE 2022			JULY 2022		
		NET MMBTU	MCF	\$	NET MMBTU	MCF	\$	NET MMBTU	MCF	\$
NATURAL GAS SUPPLIES:										
1 .	A	775,000	727,700	\$5,589,444.64	750,000	704,225	\$5,725,079.36	773,030	725,850	\$4,895,098.68
2 .	B	0	0	\$0.00	0	0	\$0.00	274,173	257,439	\$1,820,987.43
3 .	C	0	0	\$0.00	0	0	\$0.00	136,027	127,725	\$842,633.22
4 .	D	770,443	723,421	\$5,511,750.00	738,927	693,828	\$5,620,246.07	770,443	723,421	\$4,837,500.00
5 .	E	0	0	\$0.00	0	0	\$0.00	136,030	127,728	\$922,393.57
6 .	F	0	0	\$0.00	0	0	\$0.00	462,272	434,058	\$2,844,637.50
7 .	G	0	0	\$0.00	0	0	\$0.00	154,101	144,696	\$1,035,825.00
8 .	H	0	0	\$0.00	0	0	\$0.00	14,911	14,001	\$124,575.00
SUBTOTAL		1,545,443	1,451,121	\$11,101,194.64	1,488,927	1,398,053	\$11,345,325.43	2,720,987	2,554,918	\$17,323,650.40
NO-NOTICE SERVICE ("NNS") STORAGE:										
1 .	WITHDRAWALS	0	0	\$0.00	0	0	\$0.00	10,106	9,489	\$62,323.70
2 .	INJECTIONS	(831,448)	(780,703)	(\$5,769,465.64)	(751,883)	(705,993)	(\$5,545,511.04)	(154,414)	(144,990)	(\$952,271.14)
3 .	ADJUSTMENTS	(81)	327	\$4,019,173.20	0	1,935	\$0.00	0	1,205	\$0.00
4 .	ADJUSTMENTS			\$2,176,945.12			\$2,296,774.97			\$269,338.08
NET NNS STORAGE ACTIVITY		(831,529)	(780,376)	\$426,652.68	(751,883)	(704,058)	(\$3,248,736.07)	(144,308)	(134,296)	(\$620,609.36)
NATURAL GAS TRANSPORTATION:										
COMMODITY AND VOLUMETRIC CHARGES:										
1 .	TEXAS GAS TRANSMISSION, LLC			\$34,453.69			\$31,508.71			\$125,696.27
2 .	ADJUSTMENTS	0	(640)	(\$5.02)	0	(3,356)	\$0.00	0	(2,502)	\$0.02
3 .	ADJUSTMENTS	0	0	\$0.00	0	0	\$0.00	0	0	\$0.00
4 .	HYBRID FUEL	(779)	(731)	\$0.00	(346)	(325)	\$0.00	0	0	\$0.00
5 .	ADJUSTMENTS	1	2	\$0.00	(3)	(2)	\$0.00	2	0	\$0.00
SUBTOTAL		(778)	(1,369)	\$34,448.67	(349)	(3,683)	\$31,508.71	2	(2,502)	\$125,696.29
DEMAND AND FIXED CHARGES:										
1 .	TEXAS GAS TRANSMISSION, LLC			\$1,034,904.00			\$1,001,520.00			\$1,034,904.00
2 .	ADJUSTMENTS			\$0.00			\$0.00			\$0.00
3 .	ADJUSTMENTS			\$0.00			\$0.00			\$0.00
4 .	CAPACITY RELEASE CREDITS			(\$8,525.00)			\$0.00			(\$21,700.00)
5 .	ADJUSTMENTS			\$0.00			\$0.00			\$0.00
SUBTOTAL				\$1,026,379.00			\$1,001,520.00			\$1,013,204.00
TOTAL PURCHASED GAS COSTS – TEXAS GAS TRANSMISSION, LLC		713,136	669,376	\$12,588,674.99	736,695	690,312	\$9,129,618.07	2,576,681	2,418,120	\$17,841,941.33

CONFIDENTIAL INFORMATION REDACTED

LOUISVILLE GAS AND ELECTRIC COMPANY
 SUMMARY OF GAS PURCHASES AND COSTS BY SUPPLIER
 FOR THE 3 MONTH PERIOD FROM MAY 2022 THROUGH JULY 2022

DELIVERED BY TENNESSEE GAS PIPELINE COMPANY, LLC

	MAY 2022			JUNE 2022			JULY 2022		
	NET MMBTU	MCF	\$	NET MMBTU	MCF	\$	NET MMBTU	MCF	\$
NATURAL GAS SUPPLIES:									
1	70,000	65,728	\$551,350.00	299,640	281,352	\$2,359,875.00	119,848	112,533	\$904,312.50
2	80,000	75,117	\$652,750.00	0	0	\$0.00	0	0	\$0.00
3	0	0	\$0.00	0	0	\$0.00	134,829	126,600	\$747,000.00
4	0	0	\$0.00	0	0	\$0.00	119,848	112,533	\$742,875.00
SUBTOTAL	150,000	140,845	\$1,204,100.00	299,640	281,352	\$2,359,875.00	374,525	351,666	\$2,394,187.50
NATURAL GAS TRANSPORTATION:									
COMMODITY AND VOLUMETRIC CHARGES:									
1 . TENNESSEE GAS PIPELINE COMPANY, LLC			\$1,173.00			\$5,153.81			\$7,078.52
2 . TENNESSEE GAS PIPELINE COMPANY, LLC			\$1,253.00			\$5,518.37			\$7,640.31
3 . TENNESSEE GAS PIPELINE COMPANY, LLC			\$133.00			\$569.31			\$711.60
4 . ADJUSTMENTS	(28)	261	(\$282.45)	(86)	14	(\$174.47)	(35)	375	(\$652.38)
5 . ADJUSTMENTS	0	0	\$0.00	0	0	\$0.00	0	0	\$0.00
SUBTOTAL	(28)	261	\$2,276.55	(86)	14	\$11,067.02	(35)	375	\$14,778.05
DEMAND AND FIXED CHARGES:									
1 . TENNESSEE GAS PIPELINE COMPANY, LLC			\$101,352.00			\$101,352.00			\$101,352.00
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			\$101,352.00			\$101,352.00			\$101,352.00
TOTAL PURCHASED GAS COSTS -- TENNESSEE GAS PIPELINE COMPANY,	149,972	141,106	\$1,307,728.55	299,554	281,366	\$2,472,294.02	374,490	352,041	\$2,510,317.55
OTHER PURCHASES									
1 . CASH-OUT OF CUSTOMER OVER-DELIVERIES		25,459	\$166,829.63		10,607	\$62,577.11		546	\$1,814.44
TOTAL		25,459	\$166,829.63		10,607	\$62,577.11		546	\$1,814.44
TOTAL PURCHASED GAS COSTS -- ALL PIPELINES	863,108	835,941	\$14,063,233.17	1,036,249	982,285	\$11,664,489.20	2,951,171	2,770,707	\$20,354,073.32

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

LOUISVILLE GAS AND ELECTRIC COMPANY

Gas Supply Clause: 2022-00310

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 November 1, 2022 through January 31, 2023 set forth on Page 1 of Exhibit C-1:

(Over)/Under GCBA Recovery: \$ 581,953

The GCBA factor required to collect the recovery balance will be in effect as a debit with service rendered on and after November 1, 2022 and continue for three months:

GCBA Factor per 100 cubic feet: \$ 0.00384

In this filing, LG&E will eliminate the GCBA from Case No. 2022-00180 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 February 1, 2023.

LOUISVILLE GAS AND ELECTRIC COMPANY
Calculation of Quarterly Gas Cost Balance Adjustment
For Service Rendered On and After November 1, 2022

Line No.	Factor	Remaining Balance
1	Remaining (Over)/Under Recovery From GCAA ¹	\$584,415
2	Remaining (Over)/Under Recovery From GCBA ²	(\$2,462)
3	Remaining (Under)/Over Refund From RA ³	\$0
4	Remaining (Over)/Under Recovery From PBRRC ⁴	\$0
5	Total Remaining (Over)/Under Recovery	\$581,953
6	Expected Mcf Sales for 3 Month Period ⁵	15,140,552
7	GCBA Factor Per Mcf	\$0.0384
8	GCBA Factor Per Ccf	\$0.00384

¹ See Exhibit C-1, page 2.

² See Exhibit C-1, page 3.

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

⁴ See Exhibit E-1, page 2. Only applicable for August filing.

⁵ 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 November 1, 2022

From Case No. 2020-00401

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	\$9,177,600	
2	Aug-21	Prorated	663,187.7	327,979.7	\$0.2936	\$96,295	\$9,081,305	
3	Sep-21		687,871.9	687,871.9	\$0.2936	\$201,959	\$8,879,346	
4	Oct-21		836,296.1	836,296.1	\$0.2936	\$245,537	\$8,633,809	
5	Nov-21		2,112,663.9	2,112,663.9	\$0.2936	\$620,278	\$8,013,531	
6	Dec-21		3,990,717.4	3,990,717.4	\$0.2936	\$1,171,675	\$6,841,856	
7	Jan-22		5,236,357.0	5,236,357.0	\$0.2936	\$1,537,394	\$5,304,462	
8	Feb-22		5,840,316.2	5,840,316.2	\$0.2936	\$1,714,717	\$3,589,745	
9	Mar-22		4,334,416.8	4,334,416.8	\$0.2936	\$1,272,585	\$2,317,160	
10	Apr-22		2,797,541.7	2,797,541.7	\$0.2936	\$821,358	\$1,495,802	
11	May-22		1,353,023.2	1,353,023.2	\$0.2936	\$397,248	\$1,098,554	
12	Jun-22		781,082.6	781,082.6	\$0.2936	\$229,326	\$869,228	
13	Jul-22		650,186.6	650,186.6	\$0.2936	\$190,895	\$678,333	
14	Aug-22	Prorated	633,620.0	319,884.0	\$0.2936	\$93,918	\$584,415	
15			Total Amount Recovered/(Refunded) During Period				\$8,593,185	
16			Remaining Balance to Transfer to Exhibit C-1, Page 1 of 3				\$584,415	

LOUISVILLE GAS AND ELECTRIC COMPANY
Revenue Collected Under the GCBA Factor
For Service Rendered On and After November 1, 2022

Case No. 2022-00083

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	(\$12,177)
2	May-2022	Prorated	1,353,023.2	561,582.5	(\$0.0042)	(\$2,359)	(\$9,818)
3	Jun-2022		781,082.6	781,082.6	(\$0.0042)	(\$3,281)	(\$6,537)
4	Jul-2022		650,186.6	650,186.6	(\$0.0042)	(\$2,731)	(\$3,806)
5	Aug-2022	Prorated	633,620.0	319,884.0	(\$0.0042)	(\$1,344)	(\$2,462)
6			Total Amount Recovered/(Refunded) During Period			(\$9,715)	
7			Remaining Balance to Transfer to Exhibit C-1, Page 1 of 3			(\$2,462)	

LOUISVILLE GAS AND ELECTRIC COMPANY

Gas Supply Clause: 2022-00310

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 November 1, 2022

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	Nov-2022	2022-00310	\$ -	\$ -	\$ -	31,986,075	\$ -	-	-
2	Aug-2022	2022-00180	\$ -	\$ -	\$ -	32,103,581	\$ -	-	-
3	May-2022	2022-00083	\$ -	\$ -	\$ -	32,164,112	\$ -	-	-
4	Feb-2022	2021-00458	\$ -	\$ -	\$ -	32,389,948	\$ -	-	-
5						Total Refund Factor	\$0.0000		

LOUISVILLE GAS AND ELECTRIC COMPANY
 Refund Returned Under RA Factor
 For Service Rendered On and After November 1, 2022

Case No. 2021-00251

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	Aug-21	Prorated	327,980	48,257	\$0.0000	\$0	\$0
3	Sep-21		690,763	55,443	\$0.0000	\$0	\$0
4	Oct-21		837,962	74,420	\$0.0000	\$0	\$0
5	Nov-21		1,086,455	74,117	\$0.0000	\$0	\$0
6	Dec-21		3,822,191	65,083	\$0.0000	\$0	\$0
7	Jan-22		4,992,587	48,783	\$0.0000	\$0	\$0
8	Feb-22		2,633,655	54,563	\$0.0000	\$0	\$0
9	Mar-22		4,327,110	68,709	\$0.0000	\$0	\$0
10	Apr-22		2,784,306	71,266	\$0.0000	\$0	\$0
11	May-22		561,583	35,911	\$0.0000	\$0	\$0
12	Jun-22		785,115	111,369	\$0.0000	\$0	\$0
13	Jul-22		633,376	63,811	\$0.0000	\$0	\$0
14	Aug-22	Prorated	313,736	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: 2022-00310

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, 2022 and will remain in effect until January 31, 2023 is \$0.01581 and \$0.0026 per 100 cubic feet for sales and Rider TS-2 volumes, respectively:

	<u>Sales Volumes</u>	<u>Transportation Volumes</u>
Commodity-Related Portion	\$ 0.01321 /Ccf	\$ - /Ccf
Demand-Related Portion	\$ 0.00260 /Ccf	\$ 0.00260 /Ccf
Total PBRRC	\$ 0.01581 /Ccf	\$ 0.00260 /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, 2022 with Gas Supply Clause Case No. 2021-00458
Shareholder Portion of PBR Savings
PBR Year 24

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)	\$4,159,624	\$838,723	\$4,998,347
2	Expected Mcf Sales for the 12 month period beginning February 1, 2022	31,477,420	32,232,564	
3	PBRRC factor per Mcf	\$0.1321	\$0.0260	\$0.1581
4	PBRRC factor per Ccf	\$0.01321	\$0.00260	\$0.01581

LOUISVILLE GAS AND ELECTRIC COMPANY

Gas Supply Clause: 2022-00310
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	\$ 0.0849 /Mcf	\$ 0.0384 /Mcf	\$ 0.1581 /Mcf	\$ 0.2814 /Mcf
November 1, 2022	\$ 0.9214 /Mcf	\$ 0.0384 /Mcf	\$ 0.1581 /Mcf	\$ 1.1179 /Mcf

LOUISVILLE GAS AND ELECTRIC COMPANY

Gas Supply Clause 2022-00310
 Gas Cost True-Up Charge Applicable to Customers
 Served Under Rate FT and Rider TS-2
 For Service Rendered On and After November 1, 2022

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	\$0.0849	\$0.0384	\$0.1581	\$0.2814
2	November 1, 2022	\$0.9214	\$0.0384	\$0.1581	\$1.1179

LOUISVILLE GAS AND ELECTRIC COMPANY

**GAS SERVICE RATES EFFECTIVE WITH SERVICE
RENDERED FROM
November 1, 2022 through January 31, 2023**

RATE PER 100 CUBIC FEET

	BASIC SERVICE CHARGE (PER DAY)	GAS LINE TRACKER DISTRIBUTION CHARGE (PER MONTH)	DEMAND CHARGE COMPONENT	DISTRIBUTION COST COMPONENT	GAS SUPPLY COST COMPONENT (GSCC)	DSM COST RECOVERY COMPONENT	GAS LINE TRACKER TRANSMISSION PROJECTS COMPONENT	ECONOMIC RELIEF SURCREDIT	TOTAL
RATE RGS - RESIDENTIAL/RATE VFD - VOLUNTEER FIRE DEPARTMENT									
BASIC SERVICE CHARGE	\$0.65	\$1.39							
ALL CCF				\$0.51809	\$0.97569	\$0.00412	\$0.00256	\$0.00000	\$1.50046
RATE CGS - COMMERCIAL (meter capacity < 5000 CF/HR)									
BASIC SERVICE CHARGE	\$2.30	\$6.91							
APRIL THRU OCTOBER									
FIRST 1000 CCF/MONTH				\$0.38950	\$0.97569	\$0.00107	\$0.00204	\$0.00000	\$1.36830
OVER 1000 CCF/MONTH				\$0.33950	\$0.97569	\$0.00107	\$0.00204	\$0.00000	\$1.31830
NOVEMBER THRU MARCH									
ALL CCF				\$0.38950	\$0.97569	\$0.00107	\$0.00204	\$0.00000	\$1.36830
RATE CGS - COMMERCIAL (meter capacity >= 5000 CF/HR)									
BASIC SERVICE CHARGE	\$11.00	\$6.91							
APRIL THRU OCTOBER									
FIRST 1000 CCF/MONTH				\$0.38950	\$0.97569	\$0.00107	\$0.00204	\$0.00000	\$1.36830
OVER 1000 CCF/MONTH				\$0.33950	\$0.97569	\$0.00107	\$0.00204	\$0.00000	\$1.31830
NOVEMBER THRU MARCH									
ALL CCF				\$0.38950	\$0.97569	\$0.00107	\$0.00204	\$0.00000	\$1.36830
RATE IGS - INDUSTRIAL (meter capacity < 5000 CF/HR)									
BASIC SERVICE CHARGE	\$5.42	\$94.58							
APRIL THRU OCTOBER									
FIRST 1000 CCF/MONTH				\$0.27023	\$0.97569	\$0.00107	\$0.00132	\$0.00000	\$1.24831
OVER 1000 CCF/MONTH				\$0.22023	\$0.97569	\$0.00107	\$0.00132	\$0.00000	\$1.19831
NOVEMBER THRU MARCH									
ALL CCF				\$0.27023	\$0.97569	\$0.00107	\$0.00132	\$0.00000	\$1.24831
RATE IGS - INDUSTRIAL (meter capacity >= 5000 CF/HR)									
BASIC SERVICE CHARGE	\$24.64	\$94.58							
APRIL THRU OCTOBER									
FIRST 1000 CCF/MONTH				\$0.27023	\$0.97569	\$0.00107	\$0.00132	\$0.00000	\$1.24831
OVER 1000 CCF/MONTH				\$0.22023	\$0.97569	\$0.00107	\$0.00132	\$0.00000	\$1.19831
NOVEMBER THRU MARCH									
ALL CCF				\$0.27023	\$0.97569	\$0.00107	\$0.00132	\$0.00000	\$1.24831
	(PER MONTH)								
RATE AAGS									
BASIC SERVICE CHARGE	\$630.00	\$94.58							
ALL MCF				\$1.92280	\$9.7569	\$0.01070	\$0.01320	\$0.00000	\$11.70360
RATE SGSS - COMMERCIAL									
BASIC SERVICE CHARGE	\$335.00	\$6.91							
MONTHLY BILLING DEMAND			\$7.17						
ALL MCF				\$0.41060	\$9.7569	\$0.01070	\$0.02040	\$0.00000	\$10.19860
RATE SGSS - INDUSTRIAL									
BASIC SERVICE CHARGE	\$750.00	\$6.91							
MONTHLY BILLING DEMAND			\$10.89						
ALL MCF				\$0.31000	\$9.7569	\$0.01070	\$0.02040	\$0.00000	\$10.09800

	BASIC SERVICE CHARGE (PER MONTH)	GAS LINE TRACKER DISTRIBUTION CHARGE (PER MONTH)	RATE PER 100 CUBIC FEET					ECONOMIC RELIEF SURCREDIT	TOTAL
			DEMAND CHARGE COMPONENT	DISTRIBUTION COST COMPONENT	GAS SUPPLY COST COMPONENT (GSCC)	DSM COST RECOVERY COMPONENT	GAS LINE TRACKER TRANSMISSION PROJECTS 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	\$0.97569		\$0.00132	\$0.00000	\$1.00801
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	\$0.97569		\$0.00132	\$0.00000	\$1.00801

EFFECTIVE RATES FOR RIDER TS-2 TRANSPORTATION SERVICE

GAS SERVICE RATES EFFECTIVE WITH SERVICE
 RENDERED FROM
 November 1, 2022 through January 31, 2023

Charges in addition to Customer's Retail Rate	ADMIN. CHARGE (PER MONTH)	PIPELINE SUPPLIER'S DEMAND COMPONENT
		RATE PER MCF
Rider TS-2		
RATE CGS - COMMERCIAL		
APRIL THRU OCTOBER	\$550.00	
FIRST 100 MCF/MONTH		\$0.9820
OVER 100 MCF/MONTH		\$0.9820
NOVEMBER THRU MARCH		
ALL MCF		\$0.9820
RATE IGS - INDUSTRIAL		
APRIL THRU OCTOBER	\$550.00	
FIRST 100 MCF/MONTH		\$0.9820
OVER 100 MCF/MONTH		\$0.9820
NOVEMBER THRU MARCH		
ALL MCF		\$0.9820
Rate AAGS	\$550.00	\$0.9820
Rate DGGS	\$550.00	\$0.9820

L G & E

Charges for Gas Transportation Services Provided Under Rate FT

November 1, 2022 through January 31, 2023

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	\$0.0107
Economic Relief Surcredit / Mcf Delivered	\$0.0000

Ancillary Services:

Daily Demand Charge	\$0.1779
Daily Storage Charge	<u>\$0.3797</u>
Utilization Charge per Mcf for Daily Balancing	\$0.5576

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

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%

L G & E

Charges for Gas Delivery Services Provided Under Rate LGDS

November 1, 2022 through January 31, 2023

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
Economic Relief Surcredit / Mcf Delivered	\$0.0000

Ancillary Services:

Daily Demand Charge	\$0.1779
Daily Storage Charge	<u>\$0.3797</u>
Utilization Charge per Mcf for Daily Balancing	\$0.5576

Cash-Out Provision for Monthly Imbalances

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

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%
