**Supporting Calculations For The** 

**Gas Supply Clause** 

2018-00088

For the Period May 1, 2018 through July 31, 2018

P.S.C. Gas No. 11, Fourth Revision of Original Sheet No. 5 Canceling P.S.C. Gas No. 11, Third Revision of Original Sheet No. 5

#### **Standard Rate**

#### RGS Residential Gas Service

#### **APPLICABLE**

In all territory served.

#### **AVAILABILITY OF SERVICE**

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 month: \$16.35 per delivery point

Plus a Charge per 100 cubic feet:

Distribution Charge \$ 0.36300
Gas Supply Cost Component \$ 0.37905
Total Gas Charge per 100 cubic feet: \$ 0.74205

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: March 29, 2018

**DATE EFFECTIVE:** May 1, 2018

**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. 2018-00088 dated , 2018

R R

P.S.C. Gas No. 11, Fourth Revision of Original Sheet No. 9 Canceling P.S.C. Gas No. 11, Third Revision of Original Sheet No. 9

#### **Standard Rate**

# VFD Volunteer Fire Department Service

#### APPLICABLE

In all territory served.

#### **AVAILABILITY OF SERVICE**

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.

#### **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 month: \$16.35 per delivery point

Plus a Charge per 100 cubic feet:

Distribution Charge \$ 0.36300
Gas Supply Cost Component \$ 0.37905
Total Gas Charge per 100 cubic feet: \$ 0.74205

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: March 29, 2018

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State Regulation and Rates

Louisville, Kentucky

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R R

P.S.C. Gas No. 11, Fourth Revision of Original Sheet No. 10.1 Canceling P.S.C. Gas No. 11, Third Revision of Original Sheet No. 10.1

#### Standard Rate CGS

#### **Firm Commercial Gas Service**

#### RATE

Basic Service Charge per month: If all of the customer's meters

have a capacity < 5000 cf/hr: \$ 60.00 per delivery point

If any of the customer's meters

have a capacity ≥ 5000 cf/hr: \$285.00 per delivery point

Plus a Charge per 100 cubic feet:

Distribution Charge \$ 0.25133 Gas Supply Cost Component 0.37905 Total Charge per 100 cubic feet: \$ 0.63038

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:

Gas Line Tracker	Sheet No. 84
Demand Side Management Cost Recovery Mechanism	Sheet No. 86
Weather Normalization Adjustment	Sheet No. 88
Franchise Fee and Local Tax	Sheet No. 90
School Tax	Sheet No. 91

#### MINIMUM CHARGE

The Basic Service Charge shall be the minimum charge.

#### **DUE DATE OF BILL**

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

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Louisville, Kentucky

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R R

P.S.C. Gas No. 11, Fourth Revision of Original Sheet No. 15.1 Canceling P.S.C. Gas No. 11, Third Revision of Original Sheet No. 15.1

## Standard Rate

# IGS Firm Industrial Gas Service

#### **RATE**

Basic Service Charge per month: If all of the customer's meters

have a capacity < 5000 cf/hr: \$165.00 per delivery point

If any of the customer's meters

have a capacity ≥ 5000 cf/hr: \$750.00 per delivery point

Plus a Charge per 100 cubic feet:

Distribution Charge \$ 0.21929

Gas Supply Cost Component \$ 0.37905

Total Charge per 100 cubic feet: \$ 0.59834

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

#### Off-Peak Pricing Provision:

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

#### **ADJUSTMENT CLAUSES**

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

Gas Line Tracker

Demand Side Management Cost Recovery Mechanism

Franchise Fee and Local Tax

Sheet No. 84

Sheet No. 86

Sheet No. 90

School Tax

Sheet No. 91

#### **MINIMUM CHARGE**

The Basic Service Charge shall be the minimum charge.

DATE OF ISSUE: March 29, 2018

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ISSUED BY: /s/ Robert M. Conroy, Vice President

State Regulation and Rates

Louisville, Kentucky

P.S.C. Gas No. 11, Fourth Revision of Original Sheet No. 20.1 Canceling P.S.C. Gas No. 11, Third Revision of Original Sheet No. 20.1

#### Standard Rate

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

#### **CONTRACT TERM** (continued)

November 1 and be effective through the following October 31, and year to year thereafter, unless terminated by either Company or Customer upon prior written notice on or before the April 30 preceding the October 31 termination date.

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: \$500.00 per delivery point

Plus a Charge per Mcf:

Distribution Charge 1.0644 Gas Supply Cost Component 3.7905 Total Charge Per Mcf; 4.8549

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

#### **ADJUSTMENT CLAUSES**

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

Gas Line Tracker	Sheet No. 84
Demand Side Management Cost Recovery Mechanism	Sheet No. 86
Franchise Fee and Local Tax	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.

DATE OF ISSUE: March 29, 2018

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**ISSUED BY:** /s/ Robert M. Conroy, Vice President

State Regulation and Rates

Louisville, Kentucky

P.S.C. Gas No. 11, Fourth Revision of Original Sheet No. 21 Canceling P.S.C. Gas No. 11, Third Revision of Original Sheet No. 21

#### Standard Rate

#### SGSS Substitute Gas Sales Service

#### APPLICABLE

In all territory served.

#### **AVAILABILITY OF SERVICE**

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: \$285.00 per delivery point

Plus a Demand Charge per Mcf of Monthly Billing Demand: \$6.0400

Plus a Charge per Mcf:

Distribution Charge \$0.3600

Gas Supply Cost Component 3.7905

Total Charge per Mcf: \$4.1505

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**DATE OF ISSUE**: March 29, 2018

**DATE EFFECTIVE:** May 1, 2018

ISSUED BY: /s/ Robert M. Conroy, Vice President

State Regulation and Rates

Louisville, Kentucky

P.S.C. Gas No. 11, Fourth Revision of Original Sheet No. 21.1 Canceling P.S.C. Gas No. 11, Third Revision of Original Sheet No. 21.1

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# 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: \$10.90

Plus a Charge per Mcf:

Distribution Charge \$0.2992
Gas Supply Cost Component 3.7905
Total Charge per Mcf: \$4.0897

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 70% of to the Customer's average daily use for the highest month's gas use in the twelve (12) months prior to the date that Customer began receiving natural gas from another supplier with which Customer is physically connected; in no case shall the MDQ be greater than 5,000 Mcf/day.

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

#### MONTHLY BILLING DEMAND

The Monthly Billing Demand shall be the greater of (1) the MDQ, (2) the highest daily volume of gas delivered during the current month, or (3) 70% of 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.

Regardless of the Monthly Billing Demand established by Customer, Company's obligation to provide firm natural gas sales service up to the MDQ shall be limited to the MDQ.

DATE OF ISSUE: March 29, 2018

DATE EFFECTIVE: May 1, 2018

**ISSUED BY:** /s/ Robert M. Conroy, Vice President

State Regulation and Rates

Louisville, Kentucky

P.S.C. Gas No. 11, Fourth Revision of Original Sheet No. 30.2 Canceling P.S.C. Gas No. 11, Third Revision of Original Sheet No. 30.2

Standard Rate

#### FT

#### Firm Transportation Service (Transportation Only)

RATE (continued)

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, 2016, the Gas Cost True-Up Charge shall be:

\$0.0000 per Mcf for Bills Rendered On and After May 1, 2018

R/T

For customers electing service under Rate FT effective November 1, 2017, the Gas Cost True-Up Charge shall be:

\$0.0439 per Mcf for Bills Rendered On and After May 1, 2018

R/T

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

Minimum Daily Threshold Charge =

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

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

Payment of the Minimum Daily Threshold Charge is not a remedy for Customer's failure to meet the Minimum Daily Threshold Requirement for service under Rate FT. In the event that Customer does not meet the Minimum Daily Threshold Requirement for one-hundred twenty (120) days during a given Contract Year, service to Customer under Rate FT may be discontinued by Company. Customer will receive thirty (30) days prior written notice that Customer will be removed from Rate FT and returned to firm sales service under either Rate CGS or IGS as applicable.

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State Regulation and Rates

Louisville, Kentucky

P.S.C. Gas No. 11, Fourth Revision of Original Sheet No. 35.1 Canceling P.S.C. Gas No. 11, Third Revision of Original Sheet No. 35.1

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#### **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 < 5000 cf/hr: \$165.00 per delivery point

If any of the customer's meters

have a capacity ≥ 5000 cf/hr: \$750.00 per delivery point

Plus a Demand Charge per 100 cubic feet of Monthly Billing Demand: \$1.08978

Plus a Charge per 100 cubic feet:

Distribution Charge \$0.02992

Gas Supply Cost Component 0.37905

Total Charge per 100 cubic feet: \$0.40897

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

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

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

#### **ADJUSTMENT CLAUSES**

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

Gas Line Tracker

Franchise Fee and Local Tax

Sheet No. 84

Sheet No. 90

School Tax

Sheet No. 91

DATE OF ISSUE: March 29, 2018

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State Regulation and Rates

Louisville, Kentucky

P.S.C. Gas No. 11, Third Revision of Original Sheet No. 51.1 Canceling P.S.C. Gas No. 11, Second 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	\$2.5133	\$2.1929	\$1.0644	\$0.2992
Pipeline Supplier's Demand Component	0.8503	0.8503	0.8503	0.8503
Total	\$3.3636	\$3.0432	\$1.9147	\$1.1495

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State Regulation and Rates

Louisville, Kentucky

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P.S.C. Gas No. 11, Fourth Revision of Original Sheet No. 51.2 Canceling P.S.C. Gas No. 11, Third 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, 2016, the Gas Cost True-Up Charge shall be:

\$0.0000 per Mcf for Bills Rendered On and After May 1, 2018

R/T

For customers electing service under Rider TS-2 effective November 1, 2017, the Gas Cost True-Up Charge shall be:

\$0.0439 per Mcf for Bills Rendered On and After May 1, 2018

R/T

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

Minimum Annual Threshold Charge =

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

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DATE EFFECTIVE: May 1, 2018

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State Regulation and Rates

Louisville, Kentucky

P.S.C. Gas No. 11, Fourth Revision of Original Sheet No. 85 Canceling P.S.C. Gas No. 11, Third 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	\$0.37500	I
Gas Cost Actual Adjustment (GCAA)	0.00407	R
Gas Cost Balance Adjustment (GCBA)	(0.00348)	R
Refund Factors (RF) continuing for twelve months from the effective date of each or until Company has discharged its refund obligation thereunder:		

None

Performance-Based Rate Recovery Component (PBRRC) <u>0.00346</u>

Total Gas Supply Cost Component Per 100 Cubic Feet (GSCC) \$0.37905 R

DATE OF ISSUE: March 29, 2018

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**ISSUED BY:** /s/ Robert M. Conroy, Vice President

State Regulation and Rates

Louisville, Kentucky

Derivation of Gas Supply Component Applicable to Service Rendered On and After May 1, 2018

# 2018-00088

ine Io.	Description	Gas Supply Cost - See Exhibit A	1 TOT DOMIT	Unit	Amount
10.	Description			Cint	Amount
1	Total Expected Gas Supply Cost			\$	10,528,479
2	Total Expected Customer Deliveries: May 1, 20	018 through July 31, 2018		Mcf	2,807,58
3	Gas Supply Cost Per Mcf			\$/Mcf	3.750
1	Gas Supply Cost Per 100 Cubic Feet			¢/Ccf	37.50
		Gas Cost Actual Adjustment (GCAA) - Se	ee Exhibit B for Detail		
	Description			Unit	Amount
i	Current Quarter Actual Adjustment	Eff. May 1, 2018	2017-00364	¢/Ccf	(0.034
,	Previous Quarter Actual Adjustment	Eff. February 1, 2018	2017-00235	¢/Ccf	(0.51
	2nd Previous Qrt. Actual Adjustment	Eff. November 1, 2017	2017-00131	¢/Ccf	0.48
3	3rd Previous Qrt. Actual Adjustment	Eff. August 1, 2017	2016-00428	¢/Ccf	0.47
1	Total Gas Cost Actual Adjustment (GCAA)			¢/Ccf	0.40
	-	Gas Cost Balance Adjustment (GCBA) - So	ee Exhibit C for Detail	Unit	Amoun
	Description			Unit	Amoun
)	Balance Adjustment Amount			\$	(97,83
1	Total Expected Customer Deliveries: May 1, 20	018 through July 31, 2018		Mcf	2,807,58
	Gas Cost Balance Adjustment (GCBA) Per Mo			\$/Mcf	(0.034
;	Gas Cost Balance Adjustment (GCBA) Per 100			¢/Ccf	(0.34
	Description			Unit	Amount
1	Refund Factor Effective:				
5	Current Quarter Refund Factor	Eff. May 1, 2018		¢/Ccf	0.00
5	1st Previous Quarter Refund Factor	Eff. February 1, 2018		¢/Ccf	0.00
7	2nd Previous Quarter Refund Factor	Eff. November 1, 2017		¢/Ccf	0.00
3	3rd Previous Quarter Refund Factor	Eff. August 1, 2017		¢/Ccf	0.00
	Total Refund Factors Per 100 Cubic Feet			¢/Ccf	0.00
		ce-Based Rate Recovery Component (PB	RRC) - See Exhibit E for Deta		
	Description			Unit	Amount
)	Performance-Based Rate Recovery Component	(PBRRC)		¢/Ccf	0.34
	Total of PBRRC Factors Per 100 Cubic Feet			¢/Ccf	0.34
		Gas Supply Cost Component (GSCC) E	ffective May 1, 2018		
	Description	, ,	•	Unit	Amount
2	Gas Supply Cost			¢/Ccf	37.50
3	Gas Cost Actual Adjustment (GCAA)			¢/Ccf	0.40
	Gas Cost Balance Adjustment (GCBA)			¢/Ccf	(0.34)
ŧ	2 , ,				`
	Refund Factors (RF)			¢/Ccf	0.000
4 5 6	Refund Factors (RF) Perfomance-Based Rate Recovery Component	(PBRRC)		¢/Ccf ¢/Ccf	0.346

Calculation of Gas Supply Costs
For the Three-Month Period From May 1, 2018 thru July 31, 2018

ine No	. MMBtu	May-2018	Jun-2018	Jul-2018	Total
1	Expected Gas Supply Transported Under Texas' No-Notice Service (South-to-North)	1,762,216	1,485,178	1,523,482	4,770,876
2	Expected Gas Supply Transported Under Texas' Rate FT (North-to-South)	172,800	569,200	1,548,200	2,290,200
3	Expected Gas Supply Transported Under Tenn.'s Rate FT-A (Zone 0-2)	0	600,000	620,000	1,220,000
4	Total MMBtu Purchased	1,935,016	2,654,378	3,691,682	8,281,076
5	Plus: Withdrawals from Texas Gas' NNS Storage Service	0	0	0	0
6	Less: Injections into Texas Gas' NNS Storage Service	731,200	383,700	63,800	1,178,700
7	Expected Monthly Deliveries from TGT/TGPL to LG&E	1,203,816	2,270,678	3,627,882	7,102,376
	(excluding transportation volumes under LG&E Rider TS-2)				
	<u>Mcf</u>				
8	Total Purchases in Mcf	1,887,820	2,589,637	3,601,641	
9	Plus: Withdrawals from Texas Gas' NNS Storage Service	0	0	0	
10	Less: Injections Texas Gas' NNS Storage Service	713,366	374,341	62,244	
11	Expected Monthly Deliveries from TGT/TGPL to LG&E (excluding transportation volumes under LG&E Rider TS-2)	1,174,454	2,215,296	3,539,397	
10		20.005	50.654	57.500	
12 13	Plus: Customer Transportation Volumes under Rider TS-2 Total Expected Monthly Deliveries from TGT/TGPL to LG&E (Line 11 + Line 12)	39,005 1,213,459	50,654 2,265,950	57,592 3,596,989	
14 15	Less: Purchases for Depts. Other Than Gas Dept. Less: Purchases Injected into LG&E's Underground Storage	362 0	282 1,351,521	149 2,790,990	
15 16	Mcf Purchases Expensed during Month (Line 11 - Line 14 - Line 15)	1,174,092	863,493	748,258	2,785,843
10	Men i demases Expensed during Month (Enite 11 - Enite 14 - Enite 13)	1,174,092	003,473	1+0,230	2,703,043
17	LG&E's Storage Inventory - Beginning of Month	2,850,001	2,750,001	4,070,002	
18	Plus: Storage Injections into LG&E's Underground Storage (Line 15)	0	1,351,521	2,790,990	
19	LG&E's Storage Inventory - Including Injections	2,850,001	4,101,522	6,860,992	67.01
20	Less: Storage Withdrawals from LG&E's Underground Storage	67,911	0	0	67,91
21 22	Less: Storage Losses LG&E's Storage Inventory - End of Month	32,089 2,750,001	31,520 4,070,002	37,990 6,823,002	101,59
23	Mcf of Gas Supply Expensed during Month (Line 16 + Line 20 + Line 21)	1,274,092	895,013	786,248	2,955,353
24	Cost Total Demand Cost - Including Transportation (Line 13 x Line 44)	\$1,011,175	\$1,888,216	\$2,997,371	
25	Less: Demand Cost Recovered thru Rate TS-2 (Line 12 x Line 44)	32,503	42,210	47,991	
26	Demand Cost - Net of Demand Costs Recovered thru LG&E Rider TS-2	\$978,672	\$1,846,006	\$2,949,380	
27	Commodity Costs - Gas Supply Under NNS (South-to-North) (Line 1 x Line 45)	4,667,758	4,019,783	4,216,084	
28	Commodity Costs - Gas Supply Under Rate FT (North-to-South) (Line 2 x Line 46)	441,366	1,486,523	4,136,945	
29	Commodity Costs - Gas Supply Under Rate FT-A (Zone 0-2) (Line 3 x Line 47)	0	1,573,680	1,663,336	
30	Total Purchased Gas Cost	\$6,087,796	\$8,925,992	\$12,965,745	\$27,979,533
31	Plus: Withdrawals from NNS Storage (Line 5 x Line 45)	0	0	0	
32	Less: Purchases Injected into NNS Storage (Line 6 x Line 45)	1,936,803	1,038,522	176,560	3,151,88
33	Total Cost of Gas Delivered to LG&E	\$4,150,993	\$7,887,470	\$12,789,185	\$24,827,64
34	Less: Purchases for Depts. Other Than Gas Dept.(Line 14 x Line 48)	1,279	1,004	538	2,82
35	Less: Purchases Injected into LG&E's Storage (Line 15 x Line 48)	0	4,812,091	10,084,963	14,897,054
36	Pipeline Deliveries Expensed During Month	\$4,149,714	\$3,074,375	\$2,703,684	\$9,927,773
37	LG&E's Storage Inventory - Beginning of Month	\$10,071,049	\$9,717,680	\$14,418,111	
38	Plus: LG&E Storage Injections (Line 35 above)	0	4,812,091	10,084,963	
39	LG&E's Storage Inventory - Including Injections	\$10,071,049	\$14,529,771	\$24,503,074	
40	Less: LG&E Storage Withdrawals (Line 20 x Line 49)	239,977	0	0	\$239,97
11	Less: LG&E Storage Losses (Line 21 x Line 49)	113,392	111,660	135,677	360,729
42	LG&E's Storage Inventory - End of Month	\$9,717,680	\$14,418,111	\$24,367,397	
43	Gas Supply Expenses (Line 36 + Line 40 + Line 41)	\$4,503,083	\$3,186,035	\$2,839,361	\$10,528,479
	<u>Unit Cost</u>				
14	12-Month Average Demand Cost - per Mcf (see Page 2)	\$0.8333	\$0.8333	\$0.8333	
45	Commodity Cost (per MMBtu) under Texas Gas's No-Notice Service (South-to-North)	\$2.6488	\$2.7066	\$2.7674	
16	Commodity Cost (per MMBtu) under Texas Gas's Rate FT (North-to-South)	\$2.5542	\$2.6116	\$2.6721	
17	Commodity Cost (per MMBtu) under Tenn. Gas's Rate FT-A (Zone 0-2)	\$2.5657	\$2.6228	\$2.6828	
48	Average Cost of Deliveries (Line 33 / Line 11)	\$3.5344	\$3.5605	\$3.6134	
49	Average Cost of Inventory - Including Injections (Line 39 / Line 19)	\$3.5337	\$3.5425	\$3.5714	
	Gas Supply Cost				
50	Total Expected Mcf Deliveries (Sales) to Customers				2 807 584

50 Total Expected Mcf Deliveries (Sales) to Customers May 1, 2018 through July 31, 2018

2,807,585 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	Tenn. Gas Firm Transportation (Rate FT-A)	\$7.6258	20,000	12	1,830,192
4	Long-Term Firm Contracts with Suppliers (Annualized)				4,903,430
5		Total A	Annual Dema	and Costs	\$28,032,424
6 7	Average Demand Cost per Mcf  Total Annual Demand Costs (Line 5)  Expected Annual Deliveries from Pipeline Transporters in Mcf (incl Rider TS-2)				\$28,032,424 33,640,292
8		emand Cost per	· Mcf (Line (	6 / Line 7)	\$0.8333
	Pipeline Supplier's Demand Component Applic Under LG&E's Gas Transportation Service/Stan				
9	Average Demand Cost (Line 8)				\$0.8333
10	Refund Factor for Demand Portion of Texas Gas Refund (see Exhibit D-1)				0.0000
11 12	Performance Based Rate Recovery Demand Component (see Exhibit E-1)	ID.	SDC Charg	e ner Mcf	0.0170 <b>\$0.8503</b>
	Daily Demand Charge Component of Utilize			•	
	For Daily Imbalance under Rate FT and R	_			
	roi Dany imbalance under Kate F1 and K	iuci F3-F1			
13	Total Annual Demand Costs (Line 5)				\$28,032,424
14	Design Day Requirements in Mcf (determined in last rate case)				463,613
		OI Charge (Line			

Gas Supply Clause: 2018-00088

Gas Supply Cost Effective May 1, 2018

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

#### **Texas Gas Transmission, LLC**

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, 2017, the FERC ACA Unit Charge is \$0.0013/MMBtu.

Attached hereto as Exhibit A-1(a), Page 1, is the tariff sheet for No-Notice Service under Rate NNS-4 which will be applicable on and after May 1, 2018. The tariffed rates are as follows: (a) a daily demand charge of \$0.4190/MMBtu, and (b) a commodity charge of \$0.0627/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 \$0.0627/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, 2017, the FERC ACA Unit Charge is \$0.0013/MMBtu.

Attached hereto as Exhibit A-1(a), Pages 2 and 3, are the tariff sheets for transportation service under Rate FT-4 which will be applicable on and after May 1, 2018. 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 \$0.0373/MMBtu.

The rates applicable to service under this negotiated rate agreement result in a monthly demand charge of \$4.1793/MMBtu and a volumetric throughput charge ("commodity charge") of \$0.0373/MMBtu applicable to transportation from Zone 4 to 4.

## Tennessee Gas Pipeline Company, LLC

Firm Transportation Service (FT-A-2: South-to-North)

On September 29, 2017, TGPL submitted tariff sheets in FERC Docket No. RP16-1118 in order to place into effect on November 1, 2017, revised Pipeline Safety and Green House Gas ("PS&GHG") Surcharges as provided for in its settlements approved by FERC in Docket Nos. RP11-1566 and RP15-990.

Effective October 1, 2017, the FERC ACA Unit Charge is \$0.0013/MMBtu.

Attached hereto as Exhibit A-1 (a), Pages 4, and 5, are the tariff sheet for transportation service under Rate FT-A, which will be applicable on and after May 1, 2018. Page 4 contains the tariff sheet which sets forth the monthly demand charges and Page 5 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 \$15.5974/MMBtu, and (b) a commodity charge of \$0.0432/MMBtu.

The rates applicable to service under this discounted rate agreement result in a monthly demand charge of \$7.6258/MMBtu and an annual volumetric throughput charge ("commodity charge") of \$0.0432/MMBtu for deliveries from Zone 0 to Zone 2.

#### **Gas Supply Costs**

The average New York Mercantile Exchange ("NYMEX") natural gas futures closes for March 20, 2018, through March 22, 2018, are \$2.676/MMBtu for May, \$2.733/MMBtu for June, and \$2.793/MMBtu for July. 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 32% lower compared to the same period one year ago; 1
- Economic recovery could boost the demand for natural gas in the industrial sector;
- Fuel switching from coal to gas could boost natural gas prices by increasing demand;
- New domestic supplies from unconventional shale gas plays are impacting the marketplace;
- New pipeline infrastructure is being developed to deliver natural gas supplies to the marketplace;
- Imports or exports of LNG could impact the supply and demand for natural gas;
- Gas-fired electric generation loads could boost weather-driven demand for natural gas;
   and
- Gas supply disruptions could boost prices.

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 \$2.5520 per MMBtu for May, \$2.6090 per MMBtu for June, and \$2.6690 per MMBtu for July. 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 \$2.4980 per MMBtu for May, \$2.5550 per MMBtu for June, and \$2.6150 per MMBtu for July. The average commodity cost of gas purchased from gas suppliers by LG&E and delivered to TGPL under Rate FT-A from its Zone 0 is expected to be \$2.5200 per MMBtu for May, \$2.5770 per MMBtu for June, and \$2.6370 per MMBtu for July.

During the three-month period under review, May 1, 2018, through July 31, 2018, LG&E estimates that its total purchases will be 7,102,376 MMBtu. LG&E expects that 3,592,176 MMBtu will be met with deliveries from TGT's pipeline service under Rate NNS (4,770,876 MMBtu in pipeline south-to-north deliveries plus 0 in storage withdrawals less 1,178,700 in storage injections); 2,290,200 MMBtu from north-to-south deliveries under TGT's pipeline service under Rate FT; 1,220,000 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 and FT-A and the applicable retention percentages.

¹ The weekly gas storage survey issued by the Energy Information Administration ("EIA") for the week ending March 16, 2018, indicated that storage inventory levels were 32% lower than last year's levels. Storage inventories across the nation are 667 Bcf (1,446 Bcf − 2,113 Bcf), or 32%, lower this year than the same period one year ago. Last year at this time, 2,113 Bcf was held in storage, while this year 1,446 Bcf is held in storage. Storage inventories across the nation are 329 Bcf (1,446 Bcf − 1,775 Bcf), or 19%, lower this year than the five-year average. On average for the last five years at this time, 1,775 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.

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

	<b>ESTIMATED</b>			TOTAL
	PRICE AS	RATE NNS		<b>ESTIMATED</b>
	DELIVERED	RETENTION	TRANSPORT	DELIVERED
	TO TEXAS GAS	(TO ZONE 4)	<b>CHARGE</b>	<b>PRICE</b>
May 2018	\$2.5520	1.32%	\$0.0627	\$2.6488
June 2018	\$2.6090	1.32%	\$0.0627	\$2.7066
July 2018	\$2.6690	1.32%	\$0.0627	\$2.7674

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

	<b>ESTIMATED</b>			TOTAL
	PRICE AS	RETENTION	RATE FT	<b>ESTIMATED</b>
	DELIVERED	(ZONE 4	TRANSPORT	DELIVERED
	TO TEXAS GAS	<u>TO 4)</u>	<u>CHARGE</u>	<u>PRICE</u>
May 2018	\$2.4980	0.75%	\$0.0373	\$2.5542
June 2018	\$2.5550	0.75%	\$0.0373	\$2.6116
July 2018	\$2.6150	0.75%	\$0.0373	\$2.6721

# RATE FT-A-2 SYSTEM SUPPLY SOUTH-TO-NORTH PURCHASE PRICE PER MMBTU UNDER TENNESSEE GAS'S FIRM TRANSPORTATION SERVICE RATE

	<b>ESTIMATED</b>			TOTAL
	PRICE AS		RATE FT-A-2	<b>ESTIMATED</b>
	<b>DELIVERED</b>	RETENTION	TRANSPORT	<b>DELIVERED</b>
	TO TENN. GAS	(TO ZONE 2)	<b>CHARGE</b>	<u>PRICE</u>
May 2018	\$2.5200	0.10%	\$0.0432	\$2.5657
June 2018	\$2.5770	0.10%	\$0.0432	\$2.6228
July 2018	\$2.6370	0.10%	\$0.0432	\$2.6828

The annual demand billings covering the 12 months from May 1, 2018 through April 30, 2019, for the firm contracts with natural gas suppliers are currently expected to be \$4,903,430.

## Rate FT and Rider PS-FT

The demand-related supply costs applicable to the Utilization Charge for Daily Imbalances under Rate FT and Rider PS-FT applicable during the three-month period of May 1, 2018 through July 31, 2018 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 Exhibit A-1(a)
Page 1 of 7
Section 4.4
Currently Effective Rates - NNS
Version 6.0.0

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

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

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

#### 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.

Exhibit A-1(a)
Page 2 of 7
Section 4.1
Currently Effective Rates - FT
Version 7.0.0

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

# 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 Exhibit A-1(a)
Page 3 of 7
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 intrazone rates shall apply to intra-zone transportation, whether such intra-zone transportation is forward haul or backhaul.

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

Eleventh Revised Sheet No. 14 Superseding Tenth Revised Sheet No. 14

#### RATES PER DEKATHERM

#### FIRM TRANSPORTATION RATES RATE SCHEDULE FOR FT-A

Base Reservation Rates		_	DELIVERY ZONE									
	ZONE	0	L	1	2	3	4	5	6			
	0	\$5.5411	\$4.9193	\$11.5794	\$15.5758	\$15.8514	\$17.4175	\$18.4879	\$23.1959			
	1	\$8.3417	ψ-1.5155	\$7.9962	\$10.6413	\$15.0745	\$14.8460	\$16.7429	\$20.5878			
	2	\$15.5759		\$10.5774	\$5.5014	\$5.1427	\$6.5803	\$9.0504	\$11.6830			
	3	\$15.8514		\$8.3784	\$5.5458	\$4.0009	\$6.1457	\$11.1149	\$12.8437			
	4	\$20.1259		\$18.5544	\$7.0708	\$10.7456	\$5.2598	\$5.6884	\$8.1265			
	5 6	\$23.9973 \$27.7603		\$16.8625 \$19.3678	\$7.4172 \$13.3296	\$8.9748 \$14.6845	\$5.8432 \$10.3726	\$5.4810 \$5.4568	\$7.1353 \$4.7237			
Daily Base Reservation Rate 1/					DELIVER	Y ZONE						
	ZONE	0	L	1	2	3	4	5	6			
	0	\$0.1822		\$0.3807	\$0.5121	\$0.5211	\$0.5726	\$0.6078	\$0.7626			
	L		\$0.1617									
	1	\$0.2742		\$0.2629	\$0.3499	\$0.4956	\$0.4881	\$0.5505	\$0.6769			
	2	\$0.5121		\$0.3478	\$0.1809	\$0.1691	\$0.2163	\$0.2975	\$0.3841			
	3	\$0.5211		\$0.2755	\$0.1823	\$0.1315	\$0.2021	\$0.3654	\$0.4223			
	4	\$0.6617		\$0.6100	\$0.2325	\$0.3533	\$0.1729	\$0.1870	\$0.2672			
	5	\$0.7890		\$0.5544	\$0.2439	\$0.2951	\$0.1921	\$0.1802	\$0.2346			
	6	\$0.9127		\$0.6367	\$0.4382	\$0.4828	\$0.3410	\$0.1794	\$0.1553			
laximum Reservation ates 2/, 3/					DELIVER	Y ZONE						
	ZONE	0	L	1	2	3	4	5	6			
	0	\$5.5627	\$4,9409	\$11.6010	\$15.5974	\$15.8730	\$17.4391	\$18.5095	\$23.2175			
	L 1	\$8.3633	\$4.5403	\$8.0178	\$10.6629	\$15.0961	\$14.8676	\$16.7645	\$20.6094			
		\$6.5655 \$15.5975		\$10.5990	\$5.5230	\$5.1643	\$6.6019	\$9.0720	\$11.7046			
		\$15.8730		\$8,4000	\$5.5674	\$4.0225	\$6.1673	\$11.1365	\$12.8653			
		\$20.1475		\$18.5760	\$7.0924	\$10.7672	\$5.2814	\$5.7100	\$8.1481			
		24.0189		\$16.8841	\$7.4388	\$8.9964	\$5.8648	\$5.5026	\$7.1569			
	6 9	27.7819		\$19.3894	\$13.3512	\$14.7061	\$10.3942	\$5.4784	\$4.7453			

#### Notes:

- Applicable to demand charge credits and secondary points under discounted rate agreements.

  Includes a per Dth charge for the PCB Surcharge Adjustment per Article XXXII of the General Terms and Conditions of 2/
- includes a per Dth charge for the PS/GHG Surcharge Adjustment per Article XXXVIII of the General Terms and Conditions of \$0.0216.

Docket No. RP17-1118-000 Issued: September 29, 2017 Effective: November 1, 2017 Accepted: October 26, 2017

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

Thirteenth Revised Sheet No. 15 Superseding Twelveth Revised Sheet No. 15

Docket No. RP16-1251-000 Accepted: October 13, 2016

#### RATES PER DEKATHERM

# COMMODITY RATES RATE SCHEDULE FOR FT-A

Base Commodity Rates				ı	DELIVERY ZO	NE			
	RECEIP	Γ							
	ZONE	0	L	1	2	3	4	5	6
	0	\$0.0032		\$0.0115	\$0.0177	\$0.0219	\$0.2668	\$0.2546	\$0.303
	L		\$0.0012					-	
	1	\$0.0042		\$0.0081	\$0.0147	\$0.0179	\$0.2269	\$0.2313	\$0.264
	2	\$0.0167		\$0.0087	\$0.0012	\$0.0028	\$0.0734	\$0.1178	\$0.130
	3	\$0.0207		\$0.0169	\$0.0026	\$0.0002	\$0.0982	\$0.1358	\$0.148
	4	\$0.0250		\$0.0205	\$0.0087	\$0.0105	\$0.0454	\$0.0642	\$0.104
	5 6	\$0.0284 \$0.0346		\$0.0256 \$0.0300	\$0.0100 \$0.0143	\$0.0118 \$0.0163	\$0.0639 \$0.0984	\$0.0633 \$0.0533	\$0.078 \$0.032
	v	\$0.0540		40.0500	\$0.0143	ψ0.0103	\$0.030 <del>4</del>	\$0.0333	\$0.032
linimum				-	DELIVERY ZO	AIE.			
ommodity Rates 1/, 2/	RECEIPT			L	PELIVERT ZC	INC			
*****	ZONE	0	L	1	2	3	4	5	6
								************	
	0 L	\$0.0032	\$0.0012	\$0.0115	\$0.0177	\$0.0219	\$0.0250	\$0.0284	\$0.0346
	1	\$0.0042	\$0.0012	\$0.0081	\$0.0147	\$0.0179	\$0.0210	\$0.0256	\$0.0300
	2	\$0.0042		\$0.0087	\$0.0012	\$0.0028	\$0.0056	\$0.0230	\$0.0300
	3	\$0.0207		\$0.0169	\$0.0026	\$0.0002	\$0.0081	\$0.0100	\$0.0143
	4	\$0.0250		\$0.0205	\$0.0087	\$0.0105	\$0.0028	\$0.0016	\$0.0092
	5	\$0.0284		\$0.0256	\$0.0100	\$0.0118	\$0.0046	\$0.0046	\$0.0092
	6	\$0.0346		\$0.0300	\$0.0143	\$0.0163	\$0.0086	\$0.0041	\$0.0020
aximum				6	EL 11/EDV 30	N.E.			
ommodity Rates 1/, 2/, 3/	DECEME			U	ELIVERY ZO	NE			
	ZONE	0	L	1	2	3	4	5	6
	0	\$0.0041		\$0.0124	\$0.0186	\$0.0228	\$0.2677	\$0.2555	\$0.3039
	Ļ	+0.0051	\$0.0021	40.0000	40.0456	*0.0400	+0 2270		
	1	\$0.0051		\$0.0090	\$0.0156	\$0.0188	\$0.2278	\$0.2322	\$0.2650
	2	\$0.0176		\$0.0096 \$0.0178	\$0.0021 \$0.0035	\$0.0037	\$0.0743 \$0.0991	\$0.1187 \$0.1367	\$0.1314
				WILLIAM / PK	36U.UU.55	\$0.0011	50.0991	WILL 1 46 /	\$0.1491
	3	\$0.0216							
	3 4 5	\$0.0216 \$0.0259 \$0.0293		\$0.0214 \$0.0265	\$0.0096 \$0.0109	\$0.0114 \$0.0127	\$0.0463 \$0.0648	\$0.0651 \$0.0642	\$0.1050 \$0.0796

#### Notes:

- 1/ Rates stated above exclude the ACA Surcharge as revised annually and posted on the FERC website at <a href="http://www.ferc.gov">http://www.ferc.gov</a> 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 \$0.0009.

Issued: September 27, 2016 Effective: November 1, 2016 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

Delivery Fuel Zone	EFRP [1]
South	1.31%
Middle	0.99%
North	1.32%

#### FT/STF/IT Rate Schedules

Rec/Del Fuel Zone	EFRP
South/South	0.61%
South/Middle	0.47%
South/North	0.78%
Middle/South	0.61%
Middle/Middle	0.15%
Middle/North	0.58%
North/South	1.16%
North/Middle	0.75%
North/North	0.75%

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

Injection / Withdrawal 0.93%

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

Delivery Fuel Zone	EFRP
South	0.59%
Middle	0.46%
North	0.57%

<sup>[1]</sup> 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

Thirteenth Revised Sheet No. 32 Superseding Twelfth Revised Sheet No. 32

#### FUEL AND EPCR \_\_\_\_\_\_

F&LR 1/, 2/, 3/, 4/	DECEME		DELIVERY ZONE									
	RECEIPT ZONE	0	L	1	2	3	4	5	6			
	0	0.51%	0.26%	1.54%	2.28%	2.86%	3.33%	3.75%	4.44%			
	1	0.63% 2.33%	0.2070	1.12% 1.19%	1.92% 0.25%	2.31% 0.46%	2.82% 0.85%	3.41% 1.43%	3.88% 1.93%			
	3	2.86%		2.31%	0.46% 1.19%	0.14% 1.41%	1.17%	1.69%	2.20%			
	4 5	3.33% 3.88%		3,41%	1.44%	1.69%	0.48% 0.72%	0.73% 0.71%	1.24% 0.91%			
	6	4.63%		4.02%	1.93%	2.20%	1.17%	0.57%	0.30%			

EPCR 3/, 4/	RECEIPT		DELIVERY ZONE									
	ZONE		L	1	2	3	4	5	6			
	0 L	\$0.0039	\$0.0013	\$0.0151	\$0.0233	\$0.0290	\$0.0350	\$0.0398	\$0.0477			
	1	\$0.0053		\$0.0105	\$0.0193	\$0.0236	\$0.0293	\$0.0359	\$0.0412			
	2	\$0.0233		\$0.0113	\$0.0012	\$0.0034	\$0.0076	\$0.0138	\$0.0190			
	3	\$0.0290		\$0.0236	\$0.0034	\$0.0000	\$0.0111	\$0.0164	\$0.0219			
	4	\$0.0350		\$0.0271	\$0.0113	\$0.0137	\$0.0036	\$0.0063	\$0.0118			
	5	\$0.0398		\$0.0359	\$0.0138	\$0.0164	\$0.0062	\$0.0061	\$0.0082			
	6	\$0.0477		\$0.0412	\$0.0190	\$0.0219	\$0.0110	\$0.0046	\$0.0017			

Issued: March 1, 2018 Effective: April 1, 2018

<sup>1/</sup> Included in the above F&LR is the Losses component of the F&LR equal to 0.10%.

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 0.10%.

The F&LR's and EPCR's listed above are applicable to FT-A, FT-BH, FT-GS, and IT.

The F&LR's and EPCR's determined pursuant to Article XXXVII of the General Terms and Conditions.

Gas Supply Clause: 2018-00088

#### Calculation of Gas Cost Actual Adjustment (GCAA)

The purpose of this adjustment is to compensate for over- or under-recoveries which result from differences between various quarters' revenues collected to recover expected gas costs and the actual gas costs incurred during each such quarter. As shown on Page 1 of Exhibit B-1, the amount of over-recovery from Case Number 2017-00364 during the three-month period of November 1, 2017 through January 31, 2018 was \$105,867. The calculation of the Gas Cost Actual Adjustment (GCAA) set forth in Exhibit B-1 results in a refund of  $0.034\phi$  per 100 cubic feet, which LG&E will place in effect with service rendered on and after May 1, 2018 and continue for 12 months. Also enclosed, on pages 6 and 7 of Exhibit B-1, is a breakdown of gas purchases for the three-month period from November 2017 through January 2018. [Please note that the names of the suppliers have been redacted from this page, in accordance with LG&E's Petition for Confidentiality filed this quarter.]

In this filing, LG&E will be eliminating the GCAA from Case Number 2016-00353 which, with service rendered through April 30, 2018, 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 with service rendered on and after August 1, 2018.

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

Current Qu	ıarter	Actu	al A	Adjustme	nt:
T CC	. , .	3.6	1	2010 6	201/

Effective May 1, 2018 from 2017-00364 (0.034) cents/Ccf

Previous Quarter Actual Adjustment:

Effective February 1, 2018 from 2017-00235 (0.511) cents/Ccf

2<sup>nd</sup> Previous Quarter Actual Adjustment:

Effective November 1, 2017 from 2017-00131 0.481 cents/Ccf

3<sup>rd</sup> Previous Quarter Actual Adjustment:

Effective August 1, 2017 from 2016-00428 0.471 cents/Ccf

Total Gas Cost Actual Adjustment (GCAA) 0.407 cents/Ccf

Calculation of Gas Cost Actual Adjustment Which Compensates for Over- or Under-Recoveries of Gas Supply Costs For Service Rendered On and After May 1, 2018

			Total Dollars of Gas	Gas Supply Cost Per	(Over)/Under
Line No.	Recovery Period	Case Number	Cost Recovered 1	Books <sup>2</sup>	Recovery
(1)	(2)	(3)	(4)	(5)	(6)=(5)-(4)
1	Nov-2017	2017-00364	\$5,305,828	\$13,422,379	\$8,116,551
2	Dec-2017	2017-00364	\$17,469,539	\$23,170,218	\$5,700,679
3	Jan-2018	2017-00364	\$32,078,687	\$30,257,504	(\$1,821,183)
4	Feb-2018	(Note 3)	\$12,101,914	\$0	(\$12,101,914)
5			\$66,955,968	\$66,850,101	(\$105,867)
6		(Over)/Under Recovery	(\$105,867)		
7		Expected Mcf Sales for			
8	12-Month Pe	eriod from Date Implemented	31,262,968		
9		GCAA Factor per Mcf	(\$0.0034)		
10		GCAA Factor per Ccf	(\$0.00034)		
11		GCAA Factor Cents per Ccf	(0.034)		

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

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

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

Calculation of Gas Costs Recovered Under Company's Gas Supply Clause For Service Rendered On and After May 1, 2018

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	Nov-2017	Prorated	2017-00364	2,259,484.9 1	1,258,338.1 2	\$4.0950	\$0	\$5,152,895
2	Dec-2017		2017-00364	4,228,872.7	4,228,872.7	\$4.0950	\$0	\$17,317,234
3	Jan-2018		2017-00364	7,315,147.2	7,315,147.2	\$4.0950	\$0	\$29,955,528
4	Feb-2018	Prorated	2017-00364	5,484,180.6	2,955,290.3 2	\$4.0950		\$12,101,914
5					15,757,648.3	-	\$0	\$64,527,571
		\$ Recovered Under Rider TS-2	\$ Recovered Under Rate FT  (11)	\$ from OSS (12)	Total \$ Recovered (13)=(9)+(10)+(11) +(12)			
		(10)	(11)	(12)	(12)			
6	Nov-2017	\$67,762	\$85,171	\$0	\$5,305,828			
7	Dec-2017	\$54,175	\$98,130	\$0	\$17,469,539			
8	Jan-2018	\$45,242	\$169,590	\$1,908,327	\$32,078,687			
9	Feb-2018				\$12,101,914			
10		\$167,179	\$352,891	\$1,908,327	\$66,955,968			

For information purposes only, volumes will be prorated.
 Portion of month billed at rate effective this quarter.

<sup>&</sup>lt;sup>3</sup> See Page 3 of this Exhibit.

<sup>&</sup>lt;sup>4</sup> See Page 4 of this Exhibit.

Summary of Gas Costs Recovered Under Provisions of Rider TS-2 For Service Rendered On and After May 1, 2018

					PSDC								
			Mcf		Revenue	Rider TS-2							
			Transported		Collected	Gas True-Up	MMBtu				AAGS TS-2		Monthly \$'s
	Recovery		Under Rider	PSDC Per	from TS-2	Charge	Adjust.	MMBtu	Cash-Out	Cash-Out	Interruption	Action Alert	Recovered Under
Line No.	Period	Case Number	TS-2	Mcf	Customers	Revenue	(Mcf)	Adjust. (\$)	Sales (Mcf)	Sales (\$)	Penalty	\$	Rider TS-2
													(13)=(5)+(6)+(8)
	(1)	(2)	(3)	(4)	(5)=(3)x(4)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	+(10)+(11)+(12)
1	Nov-2017	2017-00364	71,898.9	\$0.8318	\$59,806	\$0	386.0	\$1,249	2,073.9	\$6,708	\$0	\$0	\$67,762
2	Dec-2017	2017-00364	64,229.9	\$0.8318	\$53,426	\$0	290.0	\$748	0	\$0	\$0	\$0	\$54,175
3	Jan-2018	2017-00364	43,872.1	\$0.8318	\$36,493	\$0	0.0	\$0	1,167.2	\$8,749	\$0	\$0	\$45,242

Total Amount to Transfer to Exhibit B-1, Page 2 \$167,179

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.

Summary of Gas Costs Recovered Under Provisions of Rate FT For Service Rendered On and After May 1, 2018

	UCDI										Monthly \$'s	
Line	Recovery	Case	Demand	Cash-Out	Cash-Out	MMBTU	MMBTU	UCDI	UCDI \$		Rate FT Gas True-Up	Recovered
No.	Period	Number	Chrg / Mcf	Sales (Mcf)	Sales (\$)	Adjust. (Mcf)	[(5)+(7)+(9)+(10)+(11)]					
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1	Nov-2017	2017-00364	\$0.1655	16,246.7	\$52,552	7,369.0	\$21,664	66,194.0	\$10,955	\$0	\$0	\$85,171
2	Dec-2017	2017-00364	\$0.1655	15,749.3	\$49,506	5,603.0	\$15,669	103,178.1	\$17,076	\$15,879	\$0	\$98,130
3 _	Jan-2018	2017-00364	\$0.1655	14,486.4	\$108,587	-	\$0	99,552.8	\$16,476	\$44,526	\$0	\$169,590
4								Total Amount	to Transfer to Exh	iibit B-1, Page 2	2	\$352,891

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.

Total Gas Supply Cost Per Books For Service Rendered On and After May 1, 2018

				Less: Purchases	Less: Purchases	Plus: Mcf		
				for Depts.	Injected	Withdrawn	Plus:	Mcf
Line	Recovery	Mcf	Purchases	other Than	Into	From	Storage	Sendout
No.	Period	Purchases	for OSS	Gas Dept.	Storage	Storage	Losses	(Gas Dept.)
								(8)=(2)+(3)+(4)+(5)+(6)
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	+(7)
1	Nov-2017	3,465,044	0	(2,474)	(274,082)	216,008	58,078	3,462,574
2	Dec-2017	4,145,963	0	(3,327)	(73,980)	2,092,872	51,083	6,212,611
3	Jan-2018	4,458,967	547,114	(5,499)	(26,899)	3,075,602	43,551	8,092,836
3	Jan-2016	4,438,907	347,114	(3,499)	(20,899)	3,073,002	43,331	0,092

4 17,768,021

#### DOLLARS

				OLLING			
<u> </u>	_	_	Less:	Plus:	_	_	_
		Less:	Purchases	Cost of Gas		Plus:	
	Purchased	Purchases	Injected	Withdrawn	Plus:	Gas Commodity	Total
Purchased	Gas Costs	for Non-Gas	Into	From	Storage	Portion of Bad	Gas Supply
Gas Costs	for OSS	Depts.	Storage	Storage	Losses	Debt Expense	Cost
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)=(9)+(10)+(11)+(12) +(13)+(14)+(15)
\$13,519,541	\$0	(\$2,319)	(\$1,069,386)	\$761,968	\$204,844	\$7,731	\$13,422,379
\$15,860,149	\$0	(\$5,615)	(\$283,003)	\$7,385,745	\$180,272	\$32,670	\$23,170,218
\$17,805,874	\$1,526,611	(\$15,270)	(\$105,113)	\$10,856,568	\$153,731	\$35,104	\$30,257,504

8 \$66,850,101

COMMODITY AND VOLUMETRIC CHARGES:   NET MMBTU   MCF   S   NET MM	DELIVERED BY TEXAS GAS TRANSMISSION, LLC			OVEMBER 2017	7	DE	ECEMBER 2017		JANUARY 2018			
1.   A   0   0   0   0   0   0   0   0   0	COMMODITY AND VOLUMETRIC CHARGES: NET M					NET MMBTU	MCF	\$			\$	
2. B 99.250 93.192 \$281,100.00 \$77,150 \$34,131 \$1,005,100.00 \$196,500 \$186,385 \$8312,000.00 \$37,150 \$106,319 \$524,920.48 \$770,150 \$106,838 \$780,750.00 \$1,000.00 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106,500 \$106	NATURA	L GAS SUPPLIERS:			-							
3. C 600000 653,380 \$1,580,841 50 175,000 164,319 \$524,920.48 \$728,340 683,887 \$2,097,617 50 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000 51,000	1.	A	0	0	\$0.00	0	0	\$0.00	(50,668)	(47,576)	(\$170,287.91)	
4 D 74,010 69,483 \$227,812,500 271,370 254,808 \$780,175,00 (152,004) (142,727) (349,713.15   5.	2 .		99,250	93,192	\$281,100.00	377,150	354,131	\$1,036,100.00	198,500	186,385	\$812,000.00	
5 E 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 .	С	600,000	563,380	\$1,580,841.60	175,000	164,319	\$524,920.48	728,340	683,887	\$2,057,611.76	
6 F C 207,610 194,939 \$616,640,31 424,368 398,468 \$1,100,512,17 129,708 121,792 \$575,037,05		D	74,010	69,493	\$227,812.50	271,370	254,808	\$780,175.00	(152,004)	(142,727)	(\$499,713.15)	
7 . G	5.	E	0	0	\$0.00	0	0	\$0.00	652,672	612,838	\$1,792,127.16	
8 . H 19,850 18,638 \$52,000.00 297,473 279,317 \$816,867.63 79,400 74,554 \$325,590.00 19	6 .	F	207,610	194,939	\$616,640.31	424,368	398,468	\$1,160,512.17	129,708	121,792	\$576,307.65	
9   1   0   0   0   0   0   0   0   0   0	7.	G	0	0	\$0.00	0	0	\$0.00	(25,334)	(23,788)	(\$85,248.91)	
10		Н	19,850	18,638	\$62,600.00	297,473	279,317	\$816,867.63	79,400	74,554	\$325,900.00	
11. K 75,000 704,225 \$1,976,052.00 775,000 727,700 \$2,105,635.41 775,000 727,700 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$2,057,627.40 \$		I		0		•					(\$1,153,077.01)	
12		J	0	0		89,325	83,873	\$240,100.00	69,475			
13 M 750,000 704,226 \$1,976,130,00 0 0 0 0 0 0 0 0 775,668 728,327 \$2,057,627,44		K	750,000	704,225	\$1,976,052.00			\$2,105,635.41		727,700	\$2,057,627.48	
14 . N 99.250 93.193 \$278.300.00 148.875 139.789 \$414.650.00 69.475 65.235 \$262.000.00		L		0		257,861	242,123	\$705,023.51	23,500		\$165,626.37	
NO-NOTICE SERVICE ("NNS") STORAGE:  1. WITHDRAWALS 353,380 331,812 \$946,280.96 \$557,078 \$523,078 \$1,544,053.09 \$760,078 \$713,688 \$2,116,817.22 \$2. INJUSTMENTS (1616,22) 1. JEVAN STORAGE 1. WITHDRAWALS 353,380 331,812 \$946,280.96 \$557,078 \$523,078 \$1,544,053.09 \$760,078 \$713,688 \$2,116,817.22 \$2. INJUSTMENTS (1616,22) 1. JEVAN STORAGE 1. JEVAN S											\$2,057,627.48	
NO-NOTICE SERVICE ("NNS") STORAGE:  1. WITHDRAWALS 353,380 331,812 \$946,280.96 557,078 523,078 \$1,544,053.09 760,078 713,688 \$2,116,817.25 2. INJECTIONS (161,622) (151,758) (\$432,791.39) (99,727) (93,640) (\$276,413.33) (37,062) (34,800) (\$103,217.67 3. ADJUSTMENTS 0 0 1,234 \$0.00 126 (693) \$337.40 0 2,645 \$0.00 4. ADJUSTMENTS 0 0 0 \$0.00 0 0 \$0.00 0 0 \$0.00 0 0 \$0.00 5. ADJUSTMENTS 0 0 0 \$0.00 0 0 \$0.00 0 0 \$0.00 0 0 \$0.00 5. ADJUSTMENTS 0 0 0 \$0.00 0 0 \$0.00 0 0 \$0.00 NET NNS STORAGE 191,758 181,288 \$513,489.57 457,477 428,745 \$1,267,977.16 723,016 681,533 \$2,013,599.56  NATURAL GAS TRANSPORTERS: 1. TEXAS GAS TRANSMISSION, LLC \$1,000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	14 .	Ν		93,193							\$262,000.00	
1. WITHDRAWALS 353,380 331,812 \$946,280.96 557,078 523,078 \$1,544,053.09 760,078 713,688 \$2,116,817,225 1. NJECTIONS (161,622) (151,758) (\$432,791.99) (99,727) (93,640) (\$276,413.33) (37,062) (34,800) (5103,217,67 33,40) (161,622) (161,622) (161,758) (\$432,791.99) (99,727) (93,640) (\$276,413.33) (37,062) (34,800) (5103,217,67 33,40) (32,417,617 34,417,117,117,117,117,117,117,117,117,11			2,599,970	2,441,286	\$6,999,476.41	2,816,422	2,644,528	\$7,783,984.20	2,995,058	2,812,262	\$8,460,500.92	
1. WITHDRAWALS 353,380 331,812 \$946,280.96 557,078 523,078 \$1,544,053.09 760,078 713,688 \$2,116,817,225 1. NJECTIONS (161,622) (151,758) (\$432,791.99) (99,727) (93,640) (\$276,413.33) (37,062) (34,800) (5103,217,67 33,40) (161,622) (161,622) (161,758) (\$432,791.99) (99,727) (93,640) (\$276,413.33) (37,062) (34,800) (5103,217,67 33,40) (32,417,617 34,417,117,117,117,117,117,117,117,117,11	NO NOT	TOT CEDVICE ("NING") CTODACE.										
2 . INJECTIONS (161,622) (151,758) (\$432,791.39) (99,727) (93,640) (\$276,413.33) (37,062) (34,800) (\$103,217.57 (33,40)			252 200	224 042	#0.4C 200 0C	EE7 070	E22.070	¢1 E44 0E2 00	760.070	742 600	CO 44C 047 00	
3 . ADJUSTMENTS 0 1,234 \$0.00 126 (693) \$337.40 0 2,645 \$0.00 4 . ADJUSTMENTS 0 0 \$0.00 0 0 \$0.00 0 0 \$0.00 0 0 \$0.00 0 0 \$0.00 0 0 \$0.00 0 0 \$0.00 0 0 \$0.00 0 0 \$0.00 0 0 \$0.00 0 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0							,					
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5 . ADJUSTMENTS         0         0         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         <			•				, ,		-	•		
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NET NNS STORAGE  191,758 181,288 \$513,489.57 457,477 428,745 \$1,267,977.16 723,016 681,533 \$2,013,599.56  NATURAL GAS TRANSPORTERS:  1 . TEXAS GAS TRANSMISSION, LLC \$169,495.25 \$182,079.90 \$182,079.90 \$222,535.27  2 . ADJUSTMENTS 0 0 (27,099) \$0.02 0 (10,999) \$7.94 0 18,939 \$0.07  3 . ADJUSTMENTS 0 0 0 \$0.00 0 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.0				•		-	-		0	0		
NATURAL GAS TRANSPORTERS:  1 . TEXAS GAS TRANSMISSION, LLC  2 . ADJUSTMENTS  3 . ADJUSTMENTS  4 . D . D . D . D . D . D . D . D . D .									723.016	681 533		
1 . TEXAS GAS TRANSMISSION, LLC       \$169,495.25       \$182,079.90       \$222,535.27         2 . ADJUSTMENTS       0       (27,099)       \$0.02       0       (10,999)       \$7.94       0       18,939       \$0.07         3 . ADJUSTMENTS       0       0       \$0.00       0       \$0.00       0       \$0.00       0       \$0.00       0       \$0.00       \$0.00       0       \$0.00       \$0.00       \$0.00       \$0.00       \$0.00       \$0.00       \$0.00       \$0.00       \$0.00       \$0.00       \$0.00       \$0.00       \$0.00       \$0.00       \$0.00       \$0.00       \$0.00       \$0.00       \$0.00       \$0.00       \$0.00       \$0.00       \$0.00       \$0.00       \$0.00       \$0.00       \$0.00       \$0.00       \$0.00       \$0.00       \$0.00       \$0.00       \$0.00       \$0.00       \$0.00       \$0.00       \$0.00       \$0.00       \$0.00       \$0.00       \$0.00       \$0.00       \$0.00       \$0.00       \$0.00       \$0.00       \$0.00       \$0.00       \$0.00       \$0.00       \$0.00       \$0.00       \$0.00       \$0.00       \$0.00       \$0.00       \$0.00       \$0.00       \$0.00       \$0.00       \$0.00       \$0.00       \$0.00       \$0.00       \$0.00	,,	421 1110 01010102	131,730	101,200	ψ515, <del>4</del> 05.51	701,711	420,745	Ψ1,207,377.10	723,010	001,555	Ψ2,013,333.30	
2 . ADJUSTMENTS 0 0 (27,099) \$0.02 0 (10,999) \$7.94 0 18,939 \$0.07	NATURA	AL GAS TRANSPORTERS:										
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TOTAL 2,791,728 2,595,475 \$169,495.27 3,273,899 3,062,274 \$182,087.84 3,718,074 3,512,734 \$222,535.34    TOTAL COMMODITY AND VOLUMETRIC CHARGES \$7,682,461.25 \$9,234,049.20 \$10,696,635.82    DEMAND AND FIXED CHARGES: 1 . TEXAS GAS TRANSMISSION, LLC \$2,571,513.00 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0			0	(27,099)	\$0.02	0	(10,999)	\$7.94	0	18,939	\$0.07	
TOTAL COMMODITY AND VOLUMETRIC CHARGES \$7,682,461.25 \$9,234,049.20 \$10,696,635.82  DEMAND AND FIXED CHARGES:  1 . TEXAS GAS TRANSMISSION, LLC \$2,571,513.00 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10 \$2,657,230.10	3 . ADJUS	STMENTS	0	0	\$0.00	0	0		0	0	\$0.00	
DEMAND AND FIXED CHARGES:       1. TEXAS GAS TRANSMISSION, LLC       \$2,571,513.00       \$2,657,230.10       \$2,657,230.10         2. ADJUSTMENTS       \$0.00       \$0.00       \$0.00	T	OTAL	2,791,728	2,595,475	\$169,495.27	3,273,899	3,062,274	\$182,087.84	3,718,074	3,512,734	\$222,535.34	
1 . TEXAS GAS TRANSMISSION, LLC       \$2,571,513.00       \$2,657,230.10       \$2,657,230.10         2 . ADJUSTMENTS       \$0.00       \$0.00	TOTAL	COMMODITY AND VOLUMETRIC CHARGES			\$7,682,461.25			\$9,234,049.20			\$10,696,635.82	
1 . TEXAS GAS TRANSMISSION, LLC       \$2,571,513.00       \$2,657,230.10       \$2,657,230.10         2 . ADJUSTMENTS       \$0.00       \$0.00	DEMAND AND	D FIXED CHADGES.										
2 ADJUSTMENTS \$0.00 \$0.00 \$0.00					CO 574 540 00			£2 CE7 220 40			£2.0E7.220.40	
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	3 . SUPPLY RESERVATION CHARGES											
***************************************	4 . ADJUSTMENTS										\$0.00	
*****											\$0.00	
••••											\$0.00	
0. AD3051MENTS	0 . ADJ03	STWEIN 13		•	\$0.00			\$0.00			\$0.00	
TOTAL DEMAND AND FIXED CHARGES \$2,977,921.15 \$3,237,039.35 \$3,241,898.50	TOTAL	DEMAND AND FIXED CHARGES			\$2,977,921.15			\$3,237,039.35			\$3,241,898.53	
TOTAL PURCHASED GAS COSTS TEXAS GAS TRANSMISSION, LLC         \$10,660,382.40         \$12,471,088.55         \$13,938,534.35	TOTAL	. PURCHASED GAS COSTS TEXAS GAS TRANSMISSION, LLC		:	\$10,660,382.40			\$12,471,088.55			\$13,938,534.35	

DELIVERED BY TENNESSEE GAS PIPELINE COMPANY, LLC	N	OVEMBER 2017		DE	ECEMBER 2017		JANUARY 2018			
COMMODITY AND VOLUMETRIC CHARGES:	NET MMBTU MCF		\$	NET MMBTU	MCF \$		NET MMBTU	MCF	\$	
NATURAL GAS SUPPLIERS:										
1. 0	0	0	\$0.00	19,998	18,777	\$52,700.00	0	0	\$0.00	
2 . P	0	0	\$0.00	345,000	323,944	\$901,050.00	88,516	83,114	\$365,650.52	
3 . Q	0	0	\$0.00	29,997	28,166	\$86,850.00	0	0	\$0.00	
4 . R	600,000	563,380	\$1,566,156.60	160,000	150,235	\$467,246.72	620,000	582,160	\$1,624,562.44	
5. S	320,000	300,469	\$923,400.00	500,000	469,484	\$1,309,600.00	200,000	187,793	\$872,900.00	
	920,000	863,849	\$2,489,556.60	1,054,995	990,606	\$2,817,446.72	908,516	853,067	\$2,863,112.96	
NATURAL GAS TRANSPORTERS:										
1 . TENNESSEE GAS PIPELINE COMPANY, LLC			\$11,400.00			\$3,989.90			\$11,780.00	
2 . TENNESSEE GAS PIPELINE COMPANY, LLC			\$12,060.00			\$4,220.90			\$12,462.00	
3 . TENNESSEE GAS PIPELINE COMPANY, LLC			\$540.00			\$189.00			\$558.00	
4 . ADJUSTMENTS	(573)	1,444	\$0.01	643	3,519	\$658.37	(1,338)	3,453	\$1,725.68	
5 . ADJUSTMENTS	0	0	(\$877.65)	0	0	\$0.00	0	0	\$0.00	
6 . ADJUSTMENTS	0	0	(\$1,397.07)	0	0	\$0.00	0	0	\$0.00	
TOTAL	919,427	865,293	\$21,725.29	1,055,638	994,125	\$9,058.17	907,178	856,520	\$26,525.68	
TOTAL COMMODITY AND VOLUMETRIC CHARGES			\$2,511,281.89			\$2,826,504.89			\$2,889,638.64	
DEMAND AND FIXED CHARGES:										
1 . TENNESSEE GAS PIPELINE COMPANY, LLC			\$152.516.00			\$152,516.00			\$152,516.00	
2 . ADJUSTMENTS			\$0.00			\$0.00			\$0.00	
3 . SUPPLY RESERVATION CHARGES			\$183,761.40			\$189.878.04			\$189,775.48	
4 . ADJUSTMENTS			\$0.00			\$0.00			\$0.00	
5 . CAPACITY RELEASE CREDITS			\$0.00			\$0.00			\$0.00	
6 . ADJUSTMENTS			\$0.00			\$0.00			\$0.00	
TOTAL DEMAND AND SIVED CHARGES		-	#20C 277 40			\$342,394.04			£2.42.204.49	
TOTAL DEMAND AND FIXED CHARGES			\$336,277.40			\$342,394.04			\$342,291.48	
TOTAL PURCHASED GAS COSTS TENNESSEE GAS PIPELINE COI	MPANY, LLC	:	\$2,847,559.29			\$3,168,898.93			\$3,231,930.12	
OTHER RUROUMOEC										
OTHER PURCHASES		4.070	¢44 500 40		89.564	\$220,161.70		00.742	\$253.693.43	
CASH-OUT OF CUSTOMER OVER-DELIVERIES  TOTAL		4,276	\$11,599.19 \$11.599.19	_	89,564	\$220,161.70		89,713 89,713	\$253,693.43	
TOTAL		4,276	\$11,599.19		69,564	Φ22U, 101./U		09,713	<b>Φ</b> 203,093.43	
TOTAL PURCHASED GAS COSTS ALL PIPELINES	3,711,155	3,465,044	\$13,519,540.88	4,329,537	4,145,963	\$15,860,149.18	4,625,252	4,458,967	\$17,424,157.90	

Gas Supply Clause: 2018-00088

Calculation of Gas Cost Balance Adjustment (GCBA)

The purpose of this adjustment is to compensate for any over- or under-recoveries remaining from prior Gas Cost Actual Adjustments and Gas Cost Balance Adjustments. The over-recovery that must be distributed via the Gas Cost Balance Adjustment (GCBA) during the period of May 1, 2018 through July 31, 2018, set forth on Page 1 of Exhibit C-1, is \$97,833. The GCBA factor required to distribute this over-recovery is a credit of 0.348¢ per 100 cubic feet. LG&E will place this charge into effect with service rendered on and after May 1, 2018 and continue for three months.

In this filing, LG&E will be eliminating the GCBA from Case 2017-00457, which, with service rendered through April 30, 2018, will have been in effect for three months. Any over- or under-recovery of the amount originally established will be transferred to the GCBA which will be implemented in LG&E's next Gas Supply Clause filing with service rendered on and after August 1, 2018.

Calculation of Quarterly Gas Cost Balance Adjustment For Service Rendered On and After May 1, 2018

Line		Remaining
No.	Factor	Balance
1	Remaining (Over)/Under Recovery From GCAA <sup>1</sup>	(\$57,923)
2	Remaining (Over)/Under Recovery From GCBA <sup>2</sup>	(\$39,910)
3	Remaining (Under)/Over Refund From RA <sup>3</sup>	\$0
4	Remaining (Over)/Under Recovery From PBRRC <sup>4</sup>	\$0
5	Total Remaining (Over)/Under Recovery	(\$97,833)
6	Expected Mcf Sales for 3 Month Period <sup>5</sup>	2,807,585
7	GCBA Factor Per Mcf	(\$0.0348)
8	GCBA Factor Per Ccf	(\$0.00348)

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

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

<sup>&</sup>lt;sup>3</sup> See Exhibit D-1, page 2. LG&E is not receiving any pipeline refunds at this time.

<sup>&</sup>lt;sup>4</sup> See Exhibit E-1, page 2. Only done for August filing.

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

# Calculation of Revenue Collected or Refunded Under GCAA Factor For Service Rendered On and After May 1, 2018

From Case No. 2016-00225

				Sales Applicable			
Line			<b>Total Mcf Sales</b>	to GCAA	GCAA/Mcf	Recovery/(Refund)	
No.	Recovery Period	Comments	for Month	Recovery	Factor	per Month	Balance Remaining
	(1)	(2)	(3)	(4)	(5)	(6)=(4)x(5)	(7)=(Bal)-(6)
1						Beginning Balance	(\$885,653)
2	Feb-17	Prorated	4,168,435.0	1,923,305.8	(\$0.0281)	(\$54,045)	(\$831,608)
3	Mar-17		3,270,421.2	3,270,421.2	(\$0.0281)	(\$91,899)	(\$739,709)
4	Apr-17		2,342,627.1	2,342,627.1	(\$0.0281)	(\$65,828)	(\$673,881)
5	May-17		1,213,560.0	1,213,560.0	(\$0.0281)	(\$34,101)	(\$639,780)
6	Jun-17		953,320.2	953,320.2	(\$0.0281)	(\$26,788)	(\$612,992)
7	Jul-17		690,751.8	690,751.8	(\$0.0281)	(\$19,410)	(\$593,582)
8	Aug-17		718,478.3	718,478.3	(\$0.0281)	(\$20,189)	(\$573,393)
9	Sep-17		744,894.2	744,894.2	(\$0.0281)	(\$20,932)	(\$552,461)
10	Oct-17		840,387.5	840,387.5	(\$0.0281)	(\$23,615)	(\$528,846)
11	Nov-17		2,259,484.9	2,259,484.9	(\$0.0281)	(\$63,492)	(\$465,354)
12	Dec-17		4,228,872.7	4,228,872.7	(\$0.0281)	(\$118,831)	(\$346,523)
13	Jan-18		7,315,147.2	7,315,147.2	(\$0.0281)	(\$205,556)	(\$140,967)
14	Feb-18	Prorated	5,484,180.6	2,955,290.3	(\$0.0281)	(\$83,044)	(\$57,923)
15			Total Amount R	ecovered/(Refunde	ed) During Period	(\$827,730)	
16			Remaining Balance to	Transfer to Exhib	it C-1, Page 1 of 3	(\$57,923)	

Revenue Collected Under the GCBA Factor For Service Rendered On and After May 1, 2018

**Case No.** 2017-00364

				Sales Applicable			
	Recovery		Total Mcf Sales	to GCBA	GCBA/Mcf	Recovery/(Refund)	
Line No.	Period	Comments	for Month	Recovery	Factor	per Month	Balance Remaining
	(1)	(2)	(3)	(4)	(5)	(6)=(4)x(5)	(7)=(Bal)-(6)
1						Beginning Balance	\$371,365
2	Nov-2017	Prorated	2,259,484.9	1,258,338.1	\$0.0261	\$32,843	\$338,522
3	Dec-2017		4,228,872.7	4,228,872.7	\$0.0261	\$110,374	\$228,148
4	Jan-2018		7,315,147.2	7,315,147.2	\$0.0261	\$190,925	\$37,223
5	Feb-2018	Prorated	5,484,180.6	2,955,290.3	\$0.0261	\$77,133	(\$39,910)
6			Total Amount Reco	overed/(Refunded)	During Period	\$411,275	
7		Re	emaining Balance to Tr	ansfer to Exhibit C	C-1, Page 1 of 3	(\$39,910)	

Gas Supply Clause: 2018-00088

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**

Gas Supply Clause: 2018-00088
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. Therefore, as shown in the following table, the PBRRC amount which becomes effective with gas service rendered on and after February 1, 2018, and will remain in effect until January 31, 2019, is \$0.00346 and \$0.00170 per 100 cubic feet for sales and Rider TS-2 volumes, respectively:

	Sales Volumes	<u>Transportation Volumes</u>
Commodity-Related Portion	\$0.00176/Ccf	\$0.0000/Ccf
Demand-Related Portion	\$0.00170/Ccf	\$0.00170/Ccf
Total PBRRC	\$0.00346/Ccf	\$0.00170/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.

Effective February 1, 2018 with Gas Supply Clause Case No. 2017-00457 Shareholder Portion of PBR Savings PBR Year 20

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

Line No.		Commodity	Demand	<u>Total</u>
1	Company Share of PBR Savings or (Expenses) (CSPBR)	\$551,052	\$544,915	\$1,095,967
2	Expected Mcf Sales for the 12 month period beginning February 1, 2018	31,332,457	31,979,933	
3	PBRRC factor per Mcf	\$0.0176	\$0.0170	\$0.0346
4	PBRRC factor per Ccf	\$0.00176	\$0.00170	\$0.00346

### **LOUISVILLE GAS AND ELECTRIC**

Gas Supply Clause: 2018-00088
Gas Cost True-Up Charge Applicable to Customers Served
Under Rate FT and Rider TS-2

The purpose of the Gas Cost True-Up is to collect or refund any under- or over-collected gas costs incurred by transportation customers in previous quarters. Pursuant to the Order dated December 20, 2012, in Case No. 2012-00222, the charge (or credit) applies only to those transportation customers that were previously Louisville Gas and Electric Company sales customers. These under- or over-collected amounts (in the form of the GCAA, GCBA, and PBRRC) that transferring customers would have paid as sales customers will be applied for eighteen months. Therefore, as shown in the following table, the charge (or credit) which will be effective for any customers transferring from an LG&E sales rate to one of its transportation rates effective November 1, 2016 and November 1, 2017 is respectively:

With Service	Applicable Components of	Applicable Components of	Applicable Components	
Elected Effective	GCAA	GCBA	of PBRRC	<u>Total</u>
November 1, 2016	\$0.000/Mcf	\$0.000/Mcf	\$0.000/Mcf	\$0.000/Mcf
November 1, 2017	\$0.0441/Mcf	(\$0.0348)/Mcf	\$0.0346/Mcf	\$0.0439/Mcf

Gas Supply Clause 2018-00088
Gas Cost True-Up Charge Applicable to Customers
Served Under Rate FT and Rider TS-2
For Service Rendered On and After May 1, 2018

Line No.	With Service Elected Effective	Applicable Components of GCAA/Mcf	Applicable Components of GCBA/Mcf	Applicable Components of PBRRC/Mcf	Total/Mcf
	(1)	(2)	(3)	(4)	(5)=(2)+(3)+(4)
1	November 1, 2016	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2	November 1, 2017	\$0.0441	(\$0.0348)	\$0.0346	\$0.0439

#### GAS SERVICE RATES¹ EFFECTIVE WITH SERVICE RENDERED FROM May 1, 2018 through July 31, 2018

			-		RATE PER 100 CUBIC F	EET		
	BASIC SERVICE CHARGE (PER MONTH)	GAS LINE TRACKER CHARGE (PER MONTH)	DEMAND CHARGE COMPONENT	DISTRIBUTION COST COMPONENT	GAS SUPPLY COST COMPONENT (GSCC)	DSM COST RECOVERY COMPONENT	GAS LINE TRACKER TRANSMISSION PROJECTS COMPONENT	TOTAL
RATE RGS - RESIDENTIAL BASIC SERVICE CHARGE	\$16.35	\$0.71						
ALL CCF				\$0.36300	\$0.37905	\$0.02404	\$0.00065	\$0.76674
RATE CGS - COMMERCIAL (meter capacity< 5000 CF/HR) BASIC SERVICE CHARGE APRIL THRU OCTOBER	\$60.00	\$3.53			******		*****	
FIRST 1000 CCF/MONTH OVER 1000 CCF/MONTH				\$0.25133 \$0.20133	\$0.37905 \$0.37905	\$0.00117 \$0.00117	\$0.00050 \$0.00050	\$0.63205 \$0.58205
NOVEMBER THRU MARCH ALL CCF				\$0.25133	\$0.37905	\$0.00117	\$0.00050	\$0.63205
RATE CGS - COMMERCIAL (meter capacity>= 5000 CF/HR) BASIC SERVICE CHARGE APRIL THRU OCTOBER	\$285.00	\$3.53						
FIRST 1000 CCF/MONTH OVER 1000 CCF/MONTH				\$0.25133 \$0.20133	\$0.37905 \$0.37905	\$0.00117 \$0.00117	\$0.00050 \$0.00050	\$0.63205 \$0.58205
NOVEMBER THRU MARCH ALL CCF				\$0.25133	\$0.37905	\$0.00117	\$0.00050	\$0.63205
RATE IGS - INDUSTRIAL (meter capacity < 5000 CF/HR) BASIC SERVICE CHARGE APRIL THRU OCTOBER	\$165.00	\$43.93						
FIRST 1000 CCF/MONTH OVER 1000 CCF/MONTH				\$0.21929 \$0.16929	\$0.37905 \$0.37905	\$0.00000 \$0.00000	\$0.00020 \$0.00020	\$0.59854 \$0.54854
NOVEMBER THRU MARCH ALL CCF				\$0.21929	\$0.37905	\$0.00000	\$0.00020	\$0.59854
RATE IGS - INDUSTRIAL (meter capacity >= 5000 CF/HR) BASIC SERVICE CHARGE APRIL THRU OCTOBER	\$750.00	\$43.93						
FIRST 1000 CCF/MONTH OVER 1000 CCF/MONTH				\$0.21929 \$0.16929	\$0.37905 \$0.37905	\$0.00000 \$0.00000	\$0.00020 \$0.00020	\$0.59854 \$0.54854
NOVEMBER THRU MARCH ALL CCF				\$0.21929	\$0.37905	\$0.00000	\$0.00020	\$0.59854
					RATE PER 1000 CUBIC FEE	ET		
Rate AAGS BASIC SERVICE CHARGE ALL MCF	\$500.00	\$43.93		\$1.06440	\$3.7905	\$0.01170	\$0.00200	\$4.86860
RATE SGSS - COMMERCIAL								
BASIC SERVICE CHARGE MONTHLY BILLING DEMAND ALL MCF	\$285.00	\$3.53	\$6.0400	\$0.36000	\$3.7905	\$0.01170	\$0.00500	\$4.16720
RATE SGSS - INDUSTRIAL								
BASIC SERVICE CHARGE MONTHLY BILLING DEMAND ALL MCF	\$750.00	\$3.53	\$10.9000	\$0.29920	\$3.7905	\$0.01170	\$0.00500	\$4.10640
					RATE PER 100 CUBIC FEE	т		
	BASIC SERVICE CHARGE (PER MONTH)	GAS LINE TRACKER CHARGE (PER MONTH)	DEMAND CHARGE COMPONENT	DISTRIBUTION COST COMPONENT	GAS SUPPLY COST COMPONENT (GSCC)	DSM COST RECOVERY COMPONENT	GAS LINE TRACKER TRANSMISSION PROJECTS COMPONENT	TOTAL
RATE DGGS - COMMERCIAL & INDUSTRIAL (meter capacity <5000 CF/HR) BASIC SERVICE CHARGE MONTHLY BILLING DEMAND ALL CCF	\$165.00	\$43.93	\$1.08978	\$0.02992	\$0.37905	\$0.00000	\$0.00020	\$0.40917
RATE DGGS - COMMERCIAL & INDUSTRIAL (meter capacity >= 5000 CF/HR) BASIC SERVICE CHARGE MONTHLY BILLING DEMAND ALL CCF	\$750.00	\$43.93	\$1.08978	\$0.02992	\$0.37905	\$0.00000	\$0.00020	\$0.40917

Note 1: The specified rates do not reflect savings identified in Case No. 2018-00034 regarding the Tax Cuts and Jobs Act.

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

#### GAS SERVICE RATES¹ EFFECTIVE WITH SERVICE RENDERED FROM May 1, 2018 through July 31, 2018

		RATE PER MCF
Charges in addition to Customer's Retail Rate	ADMIN. CHARGE (PER MONTH)	PIPELINE SUPPLIERS DEMAND COMPONENT
Rider TS-2		
RATE CGS - COMMERCIAL APRIL THRU OCTOBER	\$550.00	
FIRST 100 MCF/MONTH		\$0.8503
OVER 100 MCF/MONTH NOVEMBER THRU MARCH		\$0.8503
ALL MCF		\$0.8503
RATE IGS - INDUSTRIAL APRIL THRU OCTOBER	\$550.00	
FIRST 100 MCF/MONTH		\$0.8503
OVER 100 MCF/MONTH NOVEMBER THRU MARCH		\$0.8503
ALL MCF		\$0.8503
Rate AAGS	\$550.00	\$0.8503
Rate DGGS	\$550.00	\$0.8503

Note 1: The specified rates do not reflect savings identified in Case No. 2018-00034 regarding the Tax Cuts and Jobs Act.

## LG&E

## Charges for Gas Transportation Services Provided Under Rate FT<sup>1</sup>

May 1, 2018 through July 31, 2018

Transportation Service:	
Monthly Transportation Administrative Charge	\$550.00
Distribution Charge / Mcf Delivered	\$0.4440
Gas Line Tracker Transmission Projects / Mcf Delivered	\$0.0003
Ancillary Services:	
Daily Demand Charge	\$0.1657
Daily Storage Charge	\$0.2785
Utilization Charge per Mcf for Daily Balancing	\$0.4442
Cash-Out Provision for Monthly Imbalances	Percentage to be Mulitplied by Cash-Out Price as Decribed in Rate F
Cash-Out Provision for Monthly Imbalances:	Mulitplied by
Cash-Out Provision for Monthly Imbalances:	Mulitplied by
Cash-Out Provision for Monthly Imbalances:  Where Usage is Greater than Transported Volume - Billing:	Mulitplied by Cash-Out Price as Decribed in Rate F
Cash-Out Provision for Monthly Imbalances:  Where Usage is Greater than Transported Volume - Billing: First 5% or less	Mulitplied by Cash-Out Price as Decribed in Rate F
Cash-Out Provision for Monthly Imbalances:  Where Usage is Greater than Transported Volume - Billing:  First 5% or less  next 5%  next 5%  next 5%	Mulitplied by Cash-Out Price as Decribed in Rate F
Cash-Out Provision for Monthly Imbalances:  Where Usage is Greater than Transported Volume - Billing:  First 5% or less  next 5%  next 5%	Mulitplied by Cash-Out Price as Decribed in Rate F
Cash-Out Provision for Monthly Imbalances:  Where Usage is Greater than Transported Volume - Billing:  First 5% or less  next 5%  next 5%  next 5%  > than 20%  Where Transported Volume is Greater than Usage - Purchase:	Mulitplied by Cash-Out Price as Decribed in Rate F
Cash-Out Provision for Monthly Imbalances:  Where Usage is Greater than Transported Volume - Billing:  First 5% or less next 5% next 5% next 5% > than 20%  Where Transported Volume is Greater than Usage - Purchase: First 5% or less	Mulitplied by Cash-Out Price as Decribed in Rate F  100% 110% 120% 130% 140%
Cash-Out Provision for Monthly Imbalances:  Where Usage is Greater than Transported Volume - Billing:  First 5% or less next 5% next 5% next 5% > than 20%  Where Transported Volume is Greater than Usage - Purchase: First 5% or less next 5%	Mulitplied by Cash-Out Price as Decribed in Rate F  100% 110% 120% 130% 140%
Cash-Out Provision for Monthly Imbalances:  Where Usage is Greater than Transported Volume - Billing:  First 5% or less next 5% next 5% next 5% > than 20%  Where Transported Volume is Greater than Usage - Purchase: First 5% or less next 5% next 5% next 5%	Mulitplied by Cash-Out Price as Decribed in Rate F  100% 110% 120% 130% 140%  100% 90% 80%
Cash-Out Provision for Monthly Imbalances:  Where Usage is Greater than Transported Volume - Billing:  First 5% or less next 5% next 5% next 5% > than 20%  Where Transported Volume is Greater than Usage - Purchase: First 5% or less next 5%	Mulitplied by Cash-Out Price as Decribed in Rate F  100% 110% 120% 130% 140%

Note 1: The specified rates do not reflect savings identified in Case No. 2018-00034 regarding the Tax Cuts and Jobs Act.

### LG&E

## Charges for Gas Delivery Services Provided Under Rate $\mathsf{LGDS}^1$

May 1, 2018 through July 31, 2018

Delivery Service	
Monthly Transportation Administrative Charge	\$550.00
Basic Service Charge	\$1,310.00
Demand Charge / Mcf Delivered	\$2.5700
Distribution Charge / Mcf Delivered	\$0.0388
Gas Line Tracker Transmission Projects / Mcf Delivered	\$0.0003
Ancillary Services:	
Alichary Services.	
Daily Demand Charge	\$0.1657
Daily Storage Charge	<u>\$0.2785</u>
Daily Storage Charge Utilization Charge per Mcf for Daily Balancing	<u>\$0.2785</u> \$0.4442
Utilization Charge per Mcf for Daily Balancing	\$0.4442  Percentage to be Mulitplied by
Utilization Charge per Mcf for Daily Balancing  Cash-Out Provision for Monthly Imbalances	\$0.4442  Percentage to be Mulitplied by
Utilization Charge per Mcf for Daily Balancing  Cash-Out Provision for Monthly Imbalances  Cash-Out Provision for Monthly Imbalances:  Where Usage is Greater than Delivered Volume - Billing: First 5% or less	Percentage to be Mulitplied by Cash-Out Price as Decribed in Rate LG
Utilization Charge per Mcf for Daily Balancing  Cash-Out Provision for Monthly Imbalances  Cash-Out Provision for Monthly Imbalances:  Where Usage is Greater than Delivered Volume - Billing: First 5% or less next 5%	Percentage to be Mulitplied by Cash-Out Price as Decribed in Rate LG
Cash-Out Provision for Monthly Imbalances  Cash-Out Provision for Monthly Imbalances:  Where Usage is Greater than Delivered Volume - Billing: First 5% or less next 5% next 5%	Percentage to be Mulitplied by Cash-Out Price as Decribed in Rate LG
Cash-Out Provision for Monthly Imbalances  Cash-Out Provision for Monthly Imbalances:  Where Usage is Greater than Delivered Volume - Billing: First 5% or less next 5% next 5% next 5%	Percentage to be Mulitplied by Cash-Out Price as Decribed in Rate LG  100% 110% 120% 130%
Cash-Out Provision for Monthly Imbalances  Cash-Out Provision for Monthly Imbalances:  Where Usage is Greater than Delivered Volume - Billing: First 5% or less next 5% next 5%	Percentage to be Mulitplied by Cash-Out Price as Decribed in Rate LG
Cash-Out Provision for Monthly Imbalances  Cash-Out Provision for Monthly Imbalances:  Where Usage is Greater than Delivered Volume - Billing: First 5% or less next 5% next 5% next 5% > than 20%  Where Delivered Volume is Greater than Usage - Purchase:	Percentage to be Mulitplied by Cash-Out Price as Decribed in Rate LG  100% 110% 120% 130% 140%
Cash-Out Provision for Monthly Imbalances  Cash-Out Provision for Monthly Imbalances:  Where Usage is Greater than Delivered Volume - Billing: First 5% or less next 5% next 5% next 5% > than 20%  Where Delivered Volume is Greater than Usage - Purchase: First 5% or less	\$0.4442  Percentage to be Mulitplied by Cash-Out Price as Decribed in Rate LG  100% 110% 120% 130% 140%
Cash-Out Provision for Monthly Imbalances  Cash-Out Provision for Monthly Imbalances:  Where Usage is Greater than Delivered Volume - Billing:  First 5% or less  next 5%  next 5%  next 5%  > than 20%  Where Delivered Volume is Greater than Usage - Purchase:  First 5% or less  next 5%	\$0.4442  Percentage to be Mulitplied by Cash-Out Price as Decribed in Rate LG  100% 110% 120% 130% 140%
Cash-Out Provision for Monthly Imbalances  Cash-Out Provision for Monthly Imbalances:  Where Usage is Greater than Delivered Volume - Billing: First 5% or less next 5% next 5% next 5% > than 20%  Where Delivered Volume is Greater than Usage - Purchase: First 5% or less	\$0.4442  Percentage to be Mulitplied by Cash-Out Price as Decribed in Rate LG  100% 110% 120% 130% 140%