

Spire Missouri Inc. d/b/a/ Spire

For: Spire Missouri East

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# Spire Missouri Inc.

## SCHEDULE OF RATES AND CHARGES APPLYING TO SPIRE MISSOURI EAST SERVICE AREAS\*

### **SPIRE EAST SERVICE AREAS**

City of St. Louis and St. Louis County, Missouri and All Areas and Communities Served in St. Charles County, Missouri, excluding those portions of the Company's service area in St. Charles County south of U.S. Highway 61 and Interstate Highway No. 70 which are specifically defined in the Stipulation and Agreement in Case Nos. GA-99-107 and GA-99-236, Consolidated and consist of: part of Township 47 North, Range 1 East, part of Township 47 North, Range 2 East, part of Township 46 North, Range 1 East, and part of Township 46 North, Range 2 East. The portion of the Company's service area in St. Charles County north of U.S. Highway 61 and Interstate Highway No. 70 includes all unincorporated areas, certain incorporated areas and certain portions within the City of Wentzville along the main that serves the General Motors Assembly Plant site as more specifically set forth in the Commission's May 4, 1999 Order in the aforementioned cases. Also, all Areas and Communities Served in Butler, Iron, Jefferson, Madison, St. Francois, and Ste. Genevieve Counties, Missouri plus the Franklin County District. The Franklin County District Service Area Generally Consists of Eastern Franklin County and Northeast Crawford County and is Set Out in Detail in the Revised Metes and Bounds Description Filed by the Company on December 4, 1992 in its Application To Relinquish Certificate of Convenience and Necessity. The Franklin County District also includes the City of Sullivan, Oak Grove Village and certain unincorporated areas of Crawford County, Missouri.

\*Spire Missouri East is referred to as "Spire East" or "Company" throughout this Schedule of Rates and Charges.

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ISSUED BY: C. Eric Lobser, VP, Regulatory & Governmental Affairs  
Spire Missouri Inc., St. Louis, MO. 63101

Spire Missouri Inc. d/b/a/ Spire

For: Spire Missouri East

**TABLE OF CONTENTS**

<u>Schedule</u>	<u>Description</u>	<u>Beginning Sheet No.</u>
RS	Residential Service .....	2
SGS	Small General Gas Service .....	3
LGS	Large General Gas Service .....	4
LV	Large Volume Service .....	5
UG	Unmetered Gaslight Service.....	6
IN	Interruptible Service.....	7
LP	General L.P. Gas Service .....	8
VF	Vehicular Fuel Rate .....	9
LVTSS	Large Volume Transportation and Sales Service .....	10
PGA	Purchased Gas Cost Adjustment.....	11
ISRS	Infrastructure System Replacement Surcharge .....	12
WNAR	Weather Normalization Adjustment Rider.....	13
	Billing of License, Occupation, or	
	Other Similar Charges or Taxes .....	14
STP	Experimental School Transportation Program.....	15
	Reconnection Charges, Meter Reading	
	Non-Access Charge.....	16
	Collection Trip Charge, Returned Payment Charge,	
	Service and Meter Relocation Charges.....	17
	Meter Test Charges, Excess Flow Valve Charges,	
	Service Initiation Charge.....	18

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**RESIDENTIAL GAS SERVICE**  
**RS**

Availability – This rate schedule is available for all gas service rendered by the Company to residential customers, including space heating service.

Rate – The monthly charge shall consist of a customer charge plus a charge for gas used as set forth below:

Customer Charge – per month	\$22.00
Winter Billing Months of November-April Charge for Gas Used – per therm	\$0.23330
Summer Billing Months of May-October Charge for Gas Used- per therm	
For the first 50 therms used per month	\$0.20994
For all therms used in excess of 50 therms	\$0.25435

Minimum Monthly Charge – The Customer Charge.

Purchased Gas Adjustment – The charge for gas used as specified in this schedule shall be subject to an adjustment per therm for increases and decreases in the Company's cost of purchased gas, as set out on Sheet No. 11.16.

Surcharges and Riders- Service provided hereunder shall be subject to the Infrastructure System Replacement Surcharge (ISRS) as set out on Sheet No. 12, adjustments under the Weather Normalization Adjustment Rider (WNAR) as set out in Sheet No. 13 and any license, occupation or other similar charges or taxes as authorized by Sheet No. 14.

Late Payment Charge – Unless otherwise required by law or other regulation, 1.5% will be added to the outstanding balance of all bills not paid by the delinquent date stated on the bill. The late payment charge will not be applied to outstanding balances under \$2 or to amounts being collected through a pre-arranged payment agreement with the Company that is kept up-to-date.

Other Terms and Conditions- Service provided hereunder is subject to the Company's General Terms and Conditions as approved by the Missouri Public Service Commission.

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**SMALL GENERAL GAS SERVICE**  
**SGS**

**AVAILABILITY**

This rate schedule is available for all gas service rendered by the Company to commercial or industrial customers, including space heating service, whose annual consumption, as described below, is less than 10,000 therms\*.

Rate – The monthly charge shall consist of a customer charge plus a charge for gas used as set forth below:

Customer Charge – per month	\$35.00
Charge for Gas Used – per therm	\$0.20241

Minimum Monthly Charge – The Customer Charge.

Purchased Gas Adjustment– The charge for gas used as specified in this schedule shall be subject to an adjustment per therm for increases and decreases in the Company's cost of purchased gas, as set out on Sheet No. 11.16.

Surcharges and Riders- Service provided hereunder shall be subject to the Infrastructure System Replacement Surcharge (ISRS) as set out on Sheet No. 12, and any license, occupation or other similar charges or taxes as authorized by Sheet No. 14.

Late Payment Charge – Unless otherwise required by law or other regulation, 1.5% will be added to the outstanding balance of all bills not paid by the delinquent date stated on the bill. The late payment charge will not be applied to outstanding balances under \$2 or to amounts being collected through a pre-arranged payment agreement with the Company that is kept up-to-date.

\* Annual consumption for purposes of the "Availability" section in Sheet Nos. 3 and 4 shall be based on the twelve months ended for the most recent fiscal year, except for new customers not connected to the Company's system during such period, in which case, the Company shall use estimated consumption, if the customer has not been connected to the Company's system for a full twelve months, or consumption for the first twelve month period in which the customer was connected to the Company's system. Such rate schedule shall be used for billing such customer until annual consumption is re-determined by the Company, which redetermination shall be made no later than December 31, 2019 and each December 31<sup>st</sup> thereafter. If such re-determined usage shows that the customer should receive service under a different rate schedule, the customer shall receive service under that new rate schedule until usage is again re-determined.

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**LARGE GENERAL GAS SERVICE**  
**LGS**

**AVAILABILITY**

This rate schedule is available for all gas service rendered by the Company to commercial or industrial customers, including space heating service, whose annual consumption, as described below, is greater than or equal to 10,000 therms\*.

Rate – The monthly charge shall consist of a customer charge plus a charge for gas used as set forth below:

Customer Charge – per month	\$125.00
Charge for Gas Used – per therm	\$0.13220

Minimum Monthly Charge – The Customer Charge.

Purchased Gas Adjustment – The charge for gas used as specified in this schedule shall be subject to an adjustment per therm for increases and decreases in the Company's cost of purchased gas, as set out on Sheet No. 11.16.

Surcharges and Riders- Service provided hereunder shall be subject to the Infrastructure System Replacement Surcharge (ISRS) as set out on Sheet No. 12 and any license, occupation or other similar charges or taxes as authorized by Sheet No. 14.

Late Payment Charge – Unless otherwise required by law or other regulation, 1.5% will be added to the outstanding balance of all bills not paid by the delinquent date stated on the bill. The late payment charge will not be applied to outstanding balances under \$2 or to amounts being collected through a pre-arranged payment agreement with the Company that is kept up-to-date.

\* Annual consumption for purposes of the "Availability" section in Sheet Nos. 3 and 4 shall be based on the twelve months ended for the most recent fiscal year, except for new customers not connected to the Company's system during such period, in which case, the Company shall use estimated consumption, if the customer has not been connected to the Company's system for a full twelve months, or consumption for the first twelve month period in which the customer was connected to the Company's system. Such rate schedule shall be used for billing such customer until annual consumption is re-determined by the Company, which redetermination shall be made no later than December 31, 2019 and each December 31<sup>st</sup> thereafter. If such re-determined usage shows that the customer should receive service under a different rate schedule, the customer shall receive service under that new rate schedule until usage is again re-determined.

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**LARGE VOLUME SERVICE**  
**LV**

**AVAILABLE**

Service under this rate schedule is available for qualifying firm gas uses including cogeneration and for boiler plant use where gas is the exclusive boiler plant fuel. Service under this rate schedule is available to customers contracting for separately metered gas service for a minimum term of one year with a billing demand equal to, or greater than, 250 therms and an annual usage equal to, or greater than 60,000 therms.

Rate – The monthly charge shall consist of a customer charge, a demand charge, and a commodity charge as set forth below:

Customer Charge – per month	\$914.25
Demand Charge – per billing demand therm	\$0.95
Commodity Charge – per therm	
For the first 36,000 therms used per month	\$0.02502
For all therms used in excess of 36,000 therms	\$0.00701

Minimum Monthly Charge – The Customer Charge plus the Demand Charge.

Terms of Payment – Customer's monthly bills will be computed at both the net and gross rates. Gross rates will be two percent (2%) higher than net rates. The net bill is payable on or prior to the due date stated thereon. After this date, the gross bill is payable.

Purchased Gas Adjustment – The charge for gas used as specified in this schedule shall be subject to an adjustment per therm for increases and decreases in the Company's cost of purchased gas, as set out on Sheet No. 11.16.

Surcharges and Riders- Service hereunder shall be subject to the Infrastructure System Replacement Surcharge (ISRS) as set out on Sheet No. 12 and any license, occupation or other similar charges or taxes as authorized by Sheet No. 14.

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**LARGE VOLUME SERVICE**  
**LV**

Determination of Billing Demand

For purposes of determining the billing demand under this Large Volume Service rate Schedule, the billing months of November through March shall be considered winter months; all other billing months shall be considered summer months. The billing demand for any winter month shall be the maximum use in therms during any consecutive period of 24 hours in such month. The billing demand for any summer month shall be one-half of the maximum use in therms during any consecutive period of 24 hours in such month (where gas is used for air conditioning and/or cogeneration, and the maximum monthly quantity of gas so used is at least equal to the maximum amount used for all other purposes, the billing demand for a summer month shall be one-third of the maximum use in therms during any consecutive period of 24 hours in such month).

The Company will normally compute the maximum use in therms during any consecutive period of 24 hours in any billing month as 1/20th of the number of therms used during such billing month, adjusted to a base monthly billing period of 30 days, but the Company may determine such maximum use by meters.

Notwithstanding the foregoing provisions, the billing demand for any winter or summer month shall not be less than the greater of (a) 250 therms, or (b) the highest billing demand for any of the last preceding eleven months. If the gas service was furnished under any other rate schedule in effect during any of said preceding months, for the purpose of this paragraph, use under such other rate schedule shall be treated as if this Large Volume Service Rate applied thereto.

Notwithstanding any of the foregoing provisions, in the case of a new customer whose first billing month is a summer month, the entire maximum use in therms during any consecutive period of 24 hours (instead of one-half or one-third thereof) shall be used in computing the billing demand for each summer month prior to the first winter month, but in such case the Company will, promptly after the end of the last winter month of the first winter, make an adjustment of the billing demand by assuming that the highest actual billing demand for a winter month had occurred in the last month of the previous winter, and the Company shall make any refund to such new customer called for by such adjustment, but such adjustment shall not operate to increase any previous bill of such new customer. This provision as to new customers is included to avoid the necessity of making estimates of future demand.

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**UNMETERED GASLIGHT SERVICE**  
**UG**

## AVAILABLE

This rate schedule is available, subject to the special provisions included herein, to customers who contract for service thereunder for a minimum term of one year for unmetered gas to be used solely for the continuous operation of gas lights.

## Rate

Customer Charge	\$6.00 per month
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For lights equipped with mantle units with an hourly input rating of 3 cubic feet or less per mantle unit:

Each initial mantle unit per light	\$5.14 per month
Each additional mantle unit per light	\$2.70 per month

For open flame lights or lights equipped with mantle units with an hourly input rating in excess of 3 cubic feet per mantle unit:

First 3 cubic feet of hourly input rating per light	\$5.14 per month
Each additional 3 cubic feet of hourly input rating or fraction thereof per light	\$2.70 per month

Purchased Gas Adjustment – The charge for gas used as specified in this schedule shall be subject to an adjustment per therm for increases and decreases in the Company's cost of purchased gas, as set out on Sheet No. 11.16; and such adjustment per therm shall be applied on the basis of an average consumption of 19.7 therms per month per mantle unit.

Surcharges and Riders- Service provided hereunder shall be subject to the Infrastructure System Replacement Surcharge (ISRS) as set out on Sheet No. 12 and any license, occupation or other similar charges or taxes as authorized by Sheet No. 14.

Other Terms and Conditions- Service provided hereunder is subject to the Company's General Terms and Conditions as approved by the Missouri Public Service Commission

Late Payment Charge – Unless otherwise required by law or other regulation, 1.5% will be added to the outstanding balance of all bills not paid by the delinquent date stated on the bill. The late payment charge will not be applied to outstanding balances under \$2 or to amounts being collected through a pre-arranged payment agreement with the Company that is kept up-to-date.

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**UNMETERED GASLIGHT SERVICE**  
**UG**

Special Provisions

1. The gas lights and standards shall meet with the approval of the Company and shall be installed in locations that are suitable to the Company. Such lights and standards shall be supplied and installed by the customer and shall remain the property of the customer. Servicing, maintenance, repairs, or replacement of same shall be the sole responsibility of the customer.
2. Service hereunder is applicable only where Company's existing mains and service pipe are suitable to supply such service. Customer's lights shall be connected by the Company to its facilities, however, such connections shall be limited to those which can be economically justified, as determined solely by the Company applying sound engineering and economic principles.

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**INTERRUPTIBLE SERVICE**  
**IN**

Under certain conditions, and from time to time, the Company has excess gas to sell. When the Company has such gas available for resale, it will make short-term contracts for the sale thereof.

Availability – This rate schedule is available to customers contracting for separately metered interruptible gas service for a minimum term of one year with a demand equal to, or greater than, 10,000 cubic feet per hour.

Net Rate – The monthly charge shall consist of a customer charge and a commodity charge as set forth below:

Customer Charge	\$837.40
Commodity Charge – per	
For the first 100,000 therms used per month	\$0.10440
For all therms used in excess of 100,000 therms	\$0.08083

Charge for Gas Used During Interruption

The higher of \$2.00 per therm or the thermal equivalent of the daily NYMEX price (plus the commodity charges above and applicable PGA)

Minimum Monthly Charge – The Customer Charge.

Purchased Gas Adjustment – The charge for gas used as specified in this schedule shall be subject to an adjustment per therm for increases and decreases in the Company's cost of purchased gas, as set out on Sheet No. 11.16.

Surcharges and Riders- Service provided hereunder shall be subject to the Infrastructure System Replacement Surcharge (ISRS) as set out on Sheet No. 12 and any license, occupation or other similar charges or taxes as authorized by Sheet No. 14.

Late Payment Charge – Unless otherwise required by law or other regulation, 1.5% will be added to the outstanding balance of all bills not paid by the delinquent date stated on the bill. The late payment charge will not be applied to outstanding balances under \$2 or to amounts being collected through a pre-arranged payment agreement with the Company that is kept up-to-date.

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**GENERAL L.P. GAS SERVICE**  
**LP**

Availability – This rate schedule is available for all L.P. gas service to those customers located in subdivisions in the Company’s certificated area where natural gas is not available, where the subdivision developer is willing to construct the subdivision so as to make it fully adapted to such service and the later conversion to natural gas and where a central L.P. gas system is determined by the Company to be feasible.

## Rate

Customer Charge – per month	\$17.94
Gallons used per month – per gallon	\$0.22197

Minimum Monthly Charge – The Customer Charge.

## Purchased Gas Adjustment

(A) The above charges shall be subject to an adjustment per gallon, which shall be referred to as the L.P. Current Purchased Gas Adjustment (“L.P. CPGA”). Concurrent with any CPGA filing made by the Company for natural gas customers, the Company will compare its current average unit cost for the purchase of L.P. gas to the average unit L.P. gas cost underlying the existing L.P. CPGA. If such difference is greater than or equal to 1.0¢ per gallon, the Company will file a new L.P. CPGA with the Commission, along with supporting materials, based on said current average unit L.P. gas cost. Upon approval by the Commission, such new L.P. CPGA factor will become effective on a pro-rata basis beginning with the effective date stated on Sheet No. 11.16.

(B) Whenever the actual prices paid by the Company for L.P. Gas differ from the price upon which its then effective adjustment is predicated, the amount of increased or decreased L.P. Gas cost resulting from such difference in price shall be debited or credited to a Deferred Purchased L.P. Gas Cost account. The cumulative balance of such deferred account entries for the same period set out in Paragraph C.6 of the Company’s PGA Clause shall be divided by the estimated amount of L.P. Gas gallons to be sold during the subsequent twelve-month ended October period. The resulting deferred cost per gallon shall be applied as a Deferred L.P. Gas Adjustment which shall be made effective on a pro-rata basis beginning with the effective date of the Company’s Winter PGA filing and shall remain in effect until superseded by a revised adjustment in the next scheduled Winter PGA filing. Such deferred adjustment shall increase or decrease the adjustments determined pursuant to Paragraph A hereof. All increases or decreases in charges resulting from the deferred adjustment shall be appropriately recorded in the Deferred L.P. Gas Cost account.

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**GENERAL L.P. GAS SERVICE**  
**LP**

Purchased Gas Adjustment (continued)

The current level of the adjustment factors described in (A) and (B) above are set out on Sheet No. 11.16

Surcharges and Riders- Service provided hereunder shall be subject to the Infrastructure System Replacement Surcharge (ISRS) as set out on Sheet No. 12 and any license, occupation or other similar charges or taxes as set out in Sheet No. 14.

Late Payment Charge – Unless otherwise required by law or other regulation, 1.5% will be added to the outstanding balance of all bills not paid by the delinquent date stated on the bill. The late payment charge will not be applied to outstanding balances under \$2 or to amounts being collected through a pre-arranged payment agreement with the Company that is kept up-to-date.

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**VEHICULAR FUEL RATE**  
**VF**

Availability

This rate schedule shall apply to the sale of separately metered natural gas to customers for the sole purpose of compression by the customer or a party engaged by the customer for use as a vehicular fuel, whether such fuel is used directly by the customer or is resold to other end-user(s) as compressed natural gas ("CNG") for vehicular use.

Service for any end-use of gas other than the compression of natural gas for vehicular use, such as space heating, water heating, processing or boiler fuel use, is not permitted under this schedule. Service which is provided for other end-uses through a separate meter at the same location will be billed by the Company under the applicable rate schedule.

Nothing herein precludes a customer from satisfying its CNG requirements through another sales or transportation rate schedule, where applicable.

Service provided by the Company under this rate schedule does not include the provision of compression services or facilities for CNG purposes.

Rate

Customer Charge – per month	\$23.38
Charge for Gas Used For all therms used per month per therm	\$0.05644

Minimum Monthly Charge – The Customer Charge.

Purchased Gas Adjustment – The charge for gas used as specified in this schedule shall be subject to an adjustment per therm for increases and decreases in the Company's cost of purchased gas, as set out on Sheet No. 11.16.

Surcharges and Riders- Service provided hereunder shall be subject to the Infrastructure System Replacement Surcharge (ISRS) as set out on Sheet No. 12 and any license, occupation or other similar charges or taxes as set out in Sheet No. 14.

Late Payment Charge – Unless otherwise required by law or other regulation, 1.5% will be added to the outstanding balance of all bills not paid by the delinquent date stated on the bill. The late payment charge will not be applied to outstanding balances under \$2 or to amounts being collected through a pre-arranged payment agreement with the Company that is kept up-to-date.

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**LARGE VOLUME TRANSPORTATION AND SALES SERVICE**  
**LVTSS**

A. Availability:

1. Gas transportation service and supplementary gas sales service pursuant to this tariff is available to any customer contracting for separately metered gas service for a minimum term of one year with a Billing Demand equal to, or greater than, 1,500 therms and an annual usage equal to, or greater than, 300,000 therms, except as provided in paragraph A.2 below, and for whom gas can be transported to the Company pursuant to the State of Missouri or federally authorized transportation arrangements. Any Customer receiving transportation service under this tariff shall purchase its own gas for delivery to the Company at a Receipt Point acceptable to the Company. In addition, such Customer shall obtain and maintain a dedicated phone line or provide access for other suitable communication equipment to be made available by Company or Customer upon mutual agreement for connection to the telemetering equipment supplied by the Company.

2. For purposes of applying the monthly balancing provisions of Section D.4.3. below and the charge for gas used in excess of the Customer's Daily Scheduled Quantities ("DSQ") as described in Section B.1. below, any end-user, which owns or controls the facilities where separately metered gas service is or will be provided under this tariff for the same class of transportation service as such class is defined in Section B below, may aggregate the receipts and deliveries related to such facilities, provided that at least one facility meets the eligibility requirements set forth in Paragraph 1 above and each other facility is covered by a separate transportation contract with a Billing Demand equal to, or greater than, 1,000 therms and an annual usage equal to, or greater than, 200,000 therms. Transportation service shall only be provided to facilities with a Billing Demand between 1,000 and 1,500 therms and an annual usage between 200,000 and 300,000 therms when the receipts and deliveries of such facilities are aggregated with the receipts and deliveries of other facilities as provided by this paragraph.

3. Transportation service under this tariff will be made available to eligible customers upon request when the Company has sufficient distribution system capacity. If the Company determines that it does not have sufficient distribution system capacity to provide the requested service, it will provide to the customer requesting transportation service a written explanation of its distribution system capacity determination and a preliminary indication of the necessary changes to facilities, the approximate cost and the time required to provide such requested transportation service.

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**LARGE VOLUME TRANSPORTATION AND SALES SERVICE**  
**LVTSS**

A. Availability: (continued)

4. Service under this tariff shall require execution of a Gas Transportation Service Contract (the "Contract") between the Company and the customer requesting transportation service.

B. CHARACTER OF SERVICE

1. The Company will provide the following classes of transportation service.

Basic Service – The Company will transport and deliver on a firm basis Customer-owned gas up to the DSQ. A Customer's natural gas use in excess of the DSQ, may be delivered and sold to the Customer pursuant to Section D (4.3) hereof at the sales rate set forth herein. Notwithstanding the foregoing, such delivery of gas in excess of the DSQ shall be at the Company's sole discretion on an "as available" basis. Effective at the beginning of any day as such term is defined in Paragraph 1.1 of Section D hereof, a Customer may be ordered to limit its use of natural gas to the DSQ. To the extent reasonably practical and permitted by the circumstances prevailing and known to the Company at the time, the Company shall provide at least 24 hours notification prior to the beginning of the gas day in which the foregoing limitation will become effective but in no event shall such notice be less than four hours prior to the beginning of the gas day. When such limitation order is in effect, the Customer will be billed an unauthorized use charge for all natural gas used in excess of the DSQ, but the existence of such charge does not entitle the customer to the delivery or use of such gas in excess of the DSQ, and the Company may lock the customer's meter(s) or take other appropriate steps to discontinue such unauthorized use.

Customers who elect to receive Basic Service and who subsequently request a change to Firm Service hereunder or to firm sales service under a filed sales rate schedule shall make written application for such change. The Company may grant such requests only if (i) in the Company's sole judgement, sufficient gas supplies can be obtained by the Company and (ii) the Customer pays to the Company, for each separately metered gas service for which the customer elects to change from Basic Service to Firm Service, the additional pipeline demand gas cost charges referred to in Section C below under Additional Transportation Charges which would have been applicable to the Customer if the Customer had received Firm Service during the lesser of (a) the period for which the Customer received Basic Service, or (b) the preceding twelve months. Such additional demand gas cost charges received by the Company shall be credited to the Company's deferred gas cost account described under its Purchased Gas Adjustment Clause.

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**LARGE VOLUME TRANSPORTATION AND SALES SERVICE**  
**LVTSS**

B. CHARACTER OF SERVICE (continued)

Firm Service – The Company will transport and deliver Customer-owned gas up to the Customer's DSQ and will provide sales gas in excess of the DSQ up to the currently effective Billing Demand.

2. In no event shall the Customer's DSQ exceed the Customer's contracted for billing demand except as permitted under the Authorized Overrun provisions set forth under Section B(5) hereof.

3. In the event service curtailments are required because of distribution capacity constraints on the Company's system, the Company shall not discriminate between transportation and sales customers for purposes of determining the order and priority of such curtailments.

4. In the event the supply of natural gas available to the Company in any area is less than the amount required to meet the need of all customers in the area, the Company shall have the right to: (1) purchase the natural gas supplies owned by, or purchased on behalf of, any of its transportation customers to the extent (a) the Company implements curtailment of natural gas service to customers pursuant to Step 4 of the Emergency Curtailment Plan contained in Sheets R17 and R17.1 of the Company's Tariffs and (b) such gas is available for delivery to the Company under the terms of an existing transportation service arrangement; or (2) temporarily suspend gas transportation hereunder. The Company's right to purchase gas owned by a customer shall be exercised by the Company only after the Company has exhausted reasonable efforts to obtain the necessary gas supplies from other sources. Such right shall terminate once the gas supplies available to the Company from other sources are sufficient to serve the needs of the higher priority customers on whose behalf the purchase of customer-owned gas by the Company was made. The price to be paid by the Company for gas purchased under this provision shall be equal to the Customer's then current thermally equivalent cost of alternate fuel, or the then current thermally equivalent cost of #2 fuel oil as posted in The Oil Daily newspaper for the St. Louis area, whichever cost is the lowest.

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For: Spire Missouri East

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**LARGE VOLUME TRANSPORTATION AND SALES SERVICE**  
**LVTSS**

B. CHARACTER OF SERVICE (continued)

5. Authorized Overrun Provision – When requested by the Customer, and authorized by the Company in its sole discretion, the Customer's DSQ on any day may be increased to a level not to exceed 110% of the currently effective billing demand, without causing an increase in such billing demand.

6. Period of Excess Receipts – Effective at the beginning of any day, as such term is defined in Paragraph 1.1 of Section D hereof, and with the same notice requirements as in B.1. above, any Customer may be ordered to limit its DSQ to 115% of the deliveries made to such Customer. However, any such limitation shall not exceed a total of eight days in any thirty-day rolling period. When such limitation order is in effect, the Company will purchase from such Customer any excess receipts at 75% of the lesser of the first of the month index or the daily index published in the Gas Daily for NGPL Texok deliveries. Such purchases by the Company shall be used to satisfy the Company's system supply requirements. When possible, prior to the notification described above, the Company shall provide advance notice to Customers on a best-efforts basis of an imminent Period of Excess Receipts that may be under consideration by the Company.

7. Retainage: The gas retained by the Company shall be one percent of the volume delivered to the Company for transportation to the customer as compensation for Company's lost and unaccounted for and Company use gas; provided however, that upon agreement of the Company and customer in situations where actual lost and unaccounted for gas attributable to facilities serving the customer may be measured accurately, such actual measurement may be used in lieu of the one percent retainage otherwise provided in this subsection

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**LARGE VOLUME TRANSPORTATION AND SALES SERVICE**  
**LVTSS**

C. RATES

The monthly charge per each separately metered location shall consist of the charges set forth below:

Customer Charge - per month	\$2,131.41
Reservation Charge - per billing demand therm	\$0.60
Transportation Charge - per therm transported (*)	
For the first 36,000 therms transported per month	2.509¢
For all therms transported in excess of 36,000 therms	1.050¢
Commodity Charge - per therm sold (*)	
For the first 36,000 therms sold per month	2.509¢
For all therms sold in excess of 36,000 therms	1.050¢
Storage Charge - per therm for any full or partial month	4.000¢
Authorized Overrun Charge – per therm transported.	4.701¢

(#) Single customers with multiple accounts located on contiguous property

(\*) The first block transportation and commodity charges shall collectively apply to no more than 36,000 therms of throughput in any month for each separately metered location, whether such throughput is associated with sales volumes, transportation volumes, or a combination of sales and transportation volumes.

Minimum Monthly Charge – The sum of the Customer Charge and the Demand Charge.

Additional Transportation Charges – For all therms transported on either Basic or Firm Service, the Transportation Charge and Authorized Overrun Charge shall be increased to include the currently effective level of any take-or-pay related (TOP) charge and other non-commodity related gas cost charge per therm as set out on Sheet No. 11.16. For Firm Service, the Transportation Charge shall be further increased to include the then currently effective level of the pipeline demand gas cost (or capacity reservation charge) per therm as set out on Sheet No. 11.16. Such additional transportation charges shall be included in the determination of gas cost revenue recovery described in Section C of the Company's Purchased Gas Adjustment Clause.

Surcharges and Riders- Service provided hereunder shall be subject to the Infrastructure System Replacement Surcharge (ISRS) as set out on Sheet No. 12 and any license, occupation or other similar charges or taxes as authorized by Sheet No. 14.

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**LARGE VOLUME TRANSPORTATION AND SALES SERVICE**  
**LVTSS**

C. RATES (continued)

Determination of Billing Demand – The billing demand for each month shall be the greater of (a) the Customer's contracted for billing demand for each separately metered service or (b) the maximum amount of gas (in therms) transported and/or purchased for each separately metered service during any consecutive period of 24 hours during the months of November through March when the Company has restricted Basic Service deliveries to the DSQ. Notwithstanding the foregoing provisions, the billing demand for any month shall not be less than the highest billing demand for any of the last preceding 11 months.

Purchased Gas Adjustment (PGA) – The charge for all therms sold to the Customer shall be subject to an adjustment per therm for increases and decreases in the Company's cost of purchased gas applicable to LVTSS, equal to the CPGA made effective in accordance with paragraph A.5, plus the ACA, UFA and refund factors set out on Sheet No. 11.16.

Unauthorized Use Charge – On any day, the Company may order a Customer contracting for Basic Service to limit its use to the DSQ. When such limitation order is in effect, the Customer will be charged an unauthorized use charge of the higher of \$2.00 per therm or the thermal equivalent of the daily NYMEX price for all gas used in excess of the DSQ. This unauthorized use charge is in addition to the other applicable charges set forth herein, and is subject to the service discontinuance rights of the Company set forth under Section B(1) hereof.

D. TERMS AND CONDITIONS

1. DEFINITIONS – The following terms when used in this tariff, in the Contract and in transactions relating to such tariff or contract shall have the following meanings:

1.1 A “day” shall be a period of twenty-four (24) consecutive hours commencing at nine o'clock (9:00) a.m. Central Clock Time (“CT”).

1.2 A “month” shall be a period of one calendar month commencing at nine o'clock (9:00) a.m. CT on the first day of such month.

1.3 A “year” shall be a period of three hundred sixty-five (365) consecutive days commencing and ending at nine o'clock (9:00) a.m. CT, provided that any such year which contains the date of February 29 shall consist of three hundred sixty-six (366) consecutive days.

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**LARGE VOLUME TRANSPORTATION AND SALES SERVICE**  
**LVTSS**

D. TERMS AND CONDITIONS (continued)

1.4 The term "thermally equivalent quantities" shall mean two or more measured volumes of gas having the same heat content. Any reference to "quantities" of gas shall mean thermally equivalent quantities of gas.

1.5 The term "DSQ" shall mean the Daily Scheduled Quantities of customer-owned gas which is scheduled to be delivered and is actually delivered to the Company for transportation hereunder in accordance with the terms of the Contract.

1.6 The term "Transporter" shall mean any natural gas interstate or intrastate pipeline company identified in any transportation arrangement under which the Company is to receive customer-owned gas for delivery to such customer.

1.7 The term "transportation" shall mean the transmission, exchange or displacement of natural gas by the Company.

1.8 The term "balancing" shall mean the process of partially or totally eliminating any difference between the quantities of gas received by the Company at the Receipt Point(s) pursuant to a contract at any time and the quantities of gas delivered by the Company at the Delivery Point(s).

1.9 The term "Receipt Point(s)" shall mean the point or points specified in the Contract where the Company agrees to receive gas for transportation for the account of a specified Customer.

1.10 The term "Delivery Point(s)" shall mean the point or points specified in the Contract where the Company agrees to deliver gas transported or sold to a specified Customer.

1.11 The term "taxes" shall mean any tax, fee or charge now or hereafter levied, assessed or made by any governmental, municipal or other lawful taxing authority on the gas itself or on the act, right or privilege of producing, severing, gathering, transporting, handling, selling or delivering gas, however such taxes are measured and/or levied.

1.12 The term "notification" as it is used in Sections B.1 and B.6 of the Company's Large Volume Transportation and Sales Service rate schedule shall mean contacting the Customer by telephone and either e-mail or facsimile, when such contact information is provided by the Customer; however, in cases where either e-mail or facsimile access is available and the Company's attempt to make personal telephone contact is unsuccessful, such e-mail or facsimile contact shall constitute notification. The Company shall solicit such contact information at least annually and it is the responsibility of Customer to notify the Company of contact changes in the interim.

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**LARGE VOLUME TRANSPORTATION AND SALES SERVICE**  
**LVTSS**

D. TERMS AND CONDITIONS (continued)

2. RULES AND REGULATIONS

Transportation service shall be furnished under this tariff and unless stated otherwise in this tariff, such service shall be subject to the Company's Tariff Rules and Regulations.

3. BILLING

3.1 The Company will render bills monthly for the transportation and sales service furnished during the previous monthly period, and such billing shall become due 15 days after the date of the invoice. Should the Customer fail to pay the amount of any such billing by the due date, an additional charge of 2% of such bill shall be owed. If such failure shall continue for fifteen (15) days after such payment is due, then the Company, in addition to any other remedy it may have, may suspend further receipt and/or delivery of gas to such Customer until all overdue billing amounts are paid.

3.2 The Customer agrees to reimburse the Company for all taxes and other fees levied in connection with the transportation service which the Company is obligated to pay to any governmental, municipal or taxing authority.

4. CONDITIONS OF RECEIPT AND DELIVERY

4.1 The Customer will provide for the delivery of quantities of gas to be transported to a Receipt Point on the Company's system selected by the Company and the Company shall deliver to the Customer at the appropriate Delivery Point like quantities of gas. Gas transported hereunder shall be delivered to the Company in the State of Missouri, shall be used exclusively by the Customer in the State of Missouri and shall not be resold by the Customer.

4.2 The Customer and the Company shall establish by mutual agreement the date on which the receipt and delivery of gas hereunder shall commence.

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**LARGE VOLUME TRANSPORTATION AND SALES SERVICE**  
**LVTSS**

D. TERMS AND CONDITIONS (continued)

4.3 Monthly Balancing. Monthly transportation gas receipts and deliveries shall be kept in balance by the Customer to the maximum extent practicable. Despite the best efforts of the Customer to keep such receipts and deliveries in balance, any imbalance which does occur shall be subject to the terms and conditions of this Section.

(a) Monthly Balancing of Over-Delivery to Customer: During any month when the quantity of gas delivered to the Customer is greater than the quantity of gas received by the Company on behalf of the Customer, the Company will sell to the Customer the quantity of gas required so that any such over-delivery imbalance at the end of the month is not greater than five (5) percent of the actual quantity of gas received by the Company during such month on behalf of the Customer.

(b) Monthly Balancing of Under-Delivery to Customer: During any month when the quantity of gas delivered to the Customer is less than the quantity of gas received by the Company on behalf of the Customer, the storage charge, as set forth above, shall be applicable to any such under-delivery imbalance which is in excess of five (5) percent of the actual quantity of gas received by the Company during such month.

(c) Excessive Over-Delivery and Under-Delivery: Notwithstanding the foregoing, whenever, in the sole judgement of the Company, the quantity of gas received by the Company on behalf of the Customer has resulted in excessive over-delivery or under-delivery of gas, the Company will notify the Customer, by telephone, facsimile or electronic messaging, of such excessive over-delivery or under-delivery. Upon receipt of such notice, the Customer will immediately take whatever steps are necessary to eliminate such excessive over-delivery or under-delivery. If the Customer fails to eliminate such excessive over-delivery or under-delivery, the Company may, at its sole option: (1) modify such Customer's DSQ to an appropriate level to eliminate excessive imbalances; or (2) terminate the Contract. The Company reserves the right to reject increased DSQs by an affiliate or marketer representing the Customer, which increase in the Company's judgment is intended to offset the reduced DSQ. Notwithstanding the foregoing reduction, such reduction shall remain in effect until a DSQ change is submitted by the Customer and accepted by the Company.

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**LARGE VOLUME TRANSPORTATION AND SALES SERVICE**  
**LVTSS**

D. TERMS AND CONDITIONS (continued)

4.3 Monthly Balancing (continued)

(d) Final Balancing: If an over-delivery imbalance exists at the expiration or termination of a contract, the Company will sell to the Customer the quantity of gas necessary to eliminate such imbalance. Any final under-delivery imbalance shall be resolved by the mutual agreement of the Company and the Customer.

4.4 Sequence of Deliveries. Unless agreed otherwise between the Company and the Customer, gas delivered to the Customer by the Company shall be deemed to be delivered to or accounted for the Customer in the following sequence:

- (a) Any gas which is used to eliminate or reduce any imbalance incurred by the Customer;
- (b) All current DSQ;
- (c) Gas sold by the Company to the customer in the current billing period.

4.5 Before the Customer commences, or causes to be commenced, the delivery of any gas to the Company for transport, such Customer shall furnish to the Company adequate information which demonstrates to the Company's satisfaction that the gas supplies the Customer will purchase, and the third party transportation to be provided such supplies, will conform to the delivery specifications of the Company and of the Transporter's tariff, and that such supplies are reasonably reliable for the purpose of meeting the Customer's DSQ requirements.

4.6 The determination of system capacity limitations shall be in the sole discretion of the Company, which discretion will be exercised reasonably. If capacity limitations restrict the quantities of gas which the Customer desires to be transported, the Customer may request the Company to make reasonable enlargements and/or modifications in its existing facilities, which request(s) the Company shall not unreasonably refuse, provided that the actual cost (including indirect costs) of such system enlargements and/or modifications are paid by the Customer. Title to such enlarged and/or modified facilities shall be, and remain, in the Company free and clear of any lien or equity interest by the Customer, or any other person or party. Nothing herein contained shall be construed as obligating the Company to construct any extensions or modify its facilities.

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**LARGE VOLUME TRANSPORTATION AND SALES SERVICE**  
**LVTSS**

D. TERMS AND CONDITIONS (continued)

5. SCHEDULING

5.1 Schedules of the Customer's DSQ must be received by the Company by the times provided herein, and may be changed prospectively pursuant to this tariff. All such schedules and changes thereto shall specify gas quantities by Receipt and Delivery Point(s). The Company may refuse to receive or deliver any gas not timely and properly scheduled, and the Customer indemnifies and holds the Company harmless from any liability whatsoever to the Company for or related to such refusal.

5.2 By at least 10:00 a.m. on the second work day prior to the first day of each month, the Customer or its designee shall furnish to the Company a schedule, showing the DSQ of gas the customer desires the Company to receive and transport for each day during such month. Any change in the Customer's DSQ schedule shall only pertain to the remaining days in the then current month, and the Customer shall notify the Company by 10:00 a.m. on the day preceding the effective day of any such DSQ schedule change, or at a later time if agreed to by the Company, provided that any such notice shall be subject to modification by the Company in the event such modification is required by operational considerations. During a Period of Excess Receipts, as defined in Section B.6. of this rate schedule, such notice may be made by the Customer on a weekend or holiday provided that the DSQ change is a decrease and can be confirmed by the Company with the appropriate intra-state or interstate pipelines subsequent to such weekend or holiday. All DSQ changes shall be kept to a minimum, as permitted by operating conditions, and the Customer and the Company shall cooperate diligently to this end. The Company and the Customer shall inform each other of any other changes of receipts or deliveries immediately. Telephonic notice is acceptable for such DSQ scheduling changes; provided, such notices are followed within twenty-four (24) hours by written notice, except for notices made on weekends or holidays as provided above, in which case, the written notice made subsequent to the telephonic notice must be received by the Company by 10:00 a.m. on the first work day following such weekend or holiday.

Other Terms and Conditions- Service provided hereunder is subject to the Company's General Terms and Conditions as approved by the Missouri Public Service Commission.

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**PURCHASED GAS COST ADJUSTMENT**  
**PGA**

A. Current Purchased Gas Adjustment

In the event of increases or decreases in the cost of purchased gas, charges for gas service contained in the Company's then effective retail rate schedules on file with the Missouri Public Service Commission (Commission), with the exception of the Large Volume Transportation and Sales Service ("LVTSS") and Vehicular Fuel ("VF") rate schedules, shall be increased or decreased at the times provided in Section E by a Current Purchased Gas Adjustment ("CPGA"). The CPGA for sales made pursuant to the LVTSS and VF rate schedules shall be determined and implemented on a monthly basis, as described in paragraph 5 below, and shall be calculated in conformance with the CPGA for other firm sales rate schedules, except where noted. The cost of purchased gas shall include but not be limited to all charges incurred for gas supply, pipeline transmission and gathering and contract storage.

1. The CPGA Factor

(a). The CPGA factor for firm sales shall be calculated by summing the gas cost components per therm as determined in accordance with paragraphs 2.a., b., c., d., and e. respectively, of Section A of this clause.

(b). The CPGA factor for the interruptible sales classifications shall be calculated by summing the gas cost components per therm as determined in accordance with paragraphs 2.(c)., (d)., and (e). respectively, of Section A of this clause.

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**PURCHASED GAS COST ADJUSTMENT**  
**PGA**

A. Current Purchased Gas Adjustment (continued)

2. The following unit gas cost components, rounded to the nearest .001¢ per therm, are recoverable under the PGA for either firm or interruptible sales customers, where applicable, as described in Paragraph A.1. above.

(a). Gas Supply Demand Charges. The Gas Supply Demand Charge cost component per therm shall be determined by dividing the total current annualized gas supply demand charges the Company incurs by the firm sales volumes specified in Section F of this clause. Total current annualized gas supply demand charges shall be equal to the sum of the demand charges of each of the Company's gas suppliers obtained by multiplying the latest effective demand charge of each gas supplier by the annualized demand determinants applicable to such gas supplier. Such charges shall include charges payable to a producer or any gas supplier for the reservation of gas supplies and minimum take charges. Beginning with the Company's CPGA rates that become effective during November 2018, total current annualized gas supply demand charges shall be reduced by the gas supply demand charge portion of the customers' share of estimated annual off-system sales margins realized by the Company as described in Section G. For purposes of the CPGA calculation \$2,000,000 is the estimated customers' share of annual off-system sales margins. The gas supply demand charge share of off-system sales margins shall be equal to annualized gas supply demand charges as a percent of the sum of annualized gas supply demand charges and annualized capacity reservation charges.

(b). Capacity Reservation Charges. The Capacity Reservation Charge cost component per therm to be added to the other rate components to determine the CPGA factor for firm sales customers shall be calculated by dividing the capacity reservation costs allocated to firm sales customers by the firm sales volumes specified in Section F of this clause.

The Capacity Reservation Charge cost component per therm for firm transportation customers shall be determined by multiplying the average capacity reservation cost component per therm by 80%.

The capacity reservation costs to be allocated to firm sales customers shall be equal to total capacity reservation charges less the capacity reservation charges allocated to firm transportation customers. The capacity reservation charges allocated to firm transportation customers shall be determined by multiplying the Capacity Reservation Charge cost component per therm for firm transportation customers by the firm transportation volumes specified in Section F of this clause.

The average capacity reservation cost component per therm shall be determined by dividing the Company's total current annualized capacity reservation charges by the firm sales and firm transportation volumes specified in Section F of this clause.

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**PURCHASED GAS COST ADJUSTMENT**  
**PGA**

## A. Current Purchased Gas Adjustment (continued)

## (b). Capacity Reservation Charges (continued)

Total current annualized capacity reservation charges shall be equal to the sum of the reservation charges of each of the Company's suppliers obtained by multiplying the latest effective capacity reservation charge of each supplier by the annualized reservation-related determinants applicable to such supplier. Such charges shall include pipeline reservation charges (exclusive of Gas Supply Realignment Cost ("GSRC") surcharges) and contract storage capacity and deliverability charges. Beginning with the Company's CPGA rates that become effective during November 2018, total current annualized capacity reservation charges shall be reduced by the capacity reservation charge portion of the customers' share of estimated annual off-system sales margins realized by the Company as described in Section G. For purposes of the CPGA calculation \$2,000,000 is the estimated customers' share of annual off-system sales margins. The capacity reservation charge share of off-system sales shall be equal to annualized capacity reservation charges as a percent of the sum of annualized gas supply demand charges and annualized capacity reservation charges. Also, beginning with the Company's CPGA rates that become effective during November 2018, total current annualized capacity reservation charges shall be reduced by the customers' share of estimated capacity release revenues realized by the Company as described in Section G. For purposes of the CPGA calculation \$1,000,000 is the estimated customers' share of annual capacity release revenues.

(c). Commodity-Related Charges. The Commodity-Related Charge cost component per therm for all sales rate schedules except LVTSS and VF shall be determined by dividing total current annualized commodity-related costs by the total sales volumes specified in Section F. Total current annualized commodity-related costs shall be equal to the product of the current average commodity-related cost per therm and the annual purchase volumes specified in Section F. The current average commodity-related cost per therm shall reflect the known cost of all of the Company's gas supply resources at the time of the PGA filing and, for gas supply contracts that are tied to a monthly spot index, shall also reflect the latest closing prices for natural gas futures on the New York Mercantile Exchange ("NYMEX") for the near month and each ensuing month that precedes the next current PGA effective date as adjusted for the latest actual basis point realized under each contract.

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**PURCHASED GAS COST ADJUSTMENT**  
**PGA**

## A. Current Purchased Gas Adjustment (continued)

## (c). Commodity-Related Charges. (continued)

Commodity-related charges shall include but not be limited to producer or gas supply commodity charges and pipeline transmission and gathering commodity charges. The current average commodity-related cost per therm must reflect -- in addition to the costs of current purchased gas supplies -- costs or cost reductions at the time of such filing, that are expected to be realized, related to storage withdrawals, gas purchases under fixed-price contracts and the Company's use of financial instruments, except for call options for which only cost reductions expected to be realized during the months covered by the Company's PGA filing shall be reflected.

The Commodity-Related Charge cost component per therm for sales made to LVTSS and VF customers shall be determined by dividing total current annualized commodity-related costs by the total sales volumes specified in Section F. Total current annualized commodity-related costs shall be equal to the product of the current average commodity-related cost per therm applicable to the Company's purchases during the period covered by the new CPGA and the annual purchase volumes specified in Section F. The current average commodity-related cost per therm shall be equal to the latest effective commodity-related charges divided by the total purchase volumes for such period.

(d). Take-or-Pay Charges. The Take-or-Pay cost component per therm shall be determined by dividing the current annualized take-or-pay related cost of purchased gas by the total sales and transportation volumes specified in Section F.

(e). Other Non-Commodity-Related Gas Costs. With the exception of FERC Order No. 636 transition costs identified in an interstate pipeline company's rate schedules, the Other Non-Commodity-Related Gas Cost component per therm shall be determined by dividing all non-commodity-related gas costs subject to regulation by the FERC or any successor agency, by the total sales and transportation volumes specified in Section F. The Other Non-Commodity-Related Gas Cost component per therm applicable to the aforementioned transition costs will be determined by dividing such costs by the total sales volumes specified in Section F.

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**PURCHASED GAS COST ADJUSTMENT**  
**PGA**

## A. Current Purchased Gas Adjustment (continued)

3. The factors determined in Paragraphs 2.b., 2.d. and 2.e. shall be applicable to transportation throughput pursuant to Sheet No. 10.4 of the Company's Large Volume Transportation and Sales Service per therm, respectively. For informational purposes, such charges shall also be set forth at the bottom of Sheet No. 11.16.

4. The CPGA for firm sales, with the exception of LVTSS and VF sales, and the CPGA for interruptible sales shall be set forth on Tariff Sheet No. 11.16 to be filed with the Commission and shall remain in effect until the next CPGA becomes effective hereunder, or until retail rates (or the fixed test period purchase and sales volumes) are otherwise changed by order of the Commission. Each CPGA made effective hereunder shall cancel and supersede the previously effective CPGA and shall be the CPGA to be effective thenceforth.

5. Each month, upon the availability of the natural gas market indices used in the determination of the Company's gas supply costs, the Company shall notify all of its LVTSS and VF customers by e-mail or facsimile of the CPGA which shall be applied to sales to such customers in such month. Such CPGA shall be computed in accordance with paragraphs 1 and 2 above, and shall become effective the next gas day after the aforementioned notification. Each month the Company shall submit to the Staff of the Commission a copy of the workpapers containing the computation of the CPGA.

6. The amount of each customer's bill shall include a CPGA charge which shall on a net basis be the product of (a) the CPGA per therm applicable to the sales classification as set forth in Tariff Sheet No. 11.16 for customers other than LVTSS and VF, or the CPGA per therm described in paragraph 5 above for LVTSS and VF customers, and (b) the total therms used in each billing period.

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**PURCHASED GAS COST ADJUSTMENT**  
**PGA**

B. Refunds

Refunds received from suppliers shall remain a liability of the Company to be distributed to customers with interest in accordance with Section C.

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For: Spire Missouri East

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**PURCHASED GAS COST ADJUSTMENT**  
**PGA**

C. Deferred Purchased Gas Cost Accounts

The Company shall maintain Deferred Purchased Gas Cost Account(s) which shall be credited by the amount of any gas cost revenue recovery, in excess of actual purchased gas costs, including refunds from suppliers, and debited by the amount of any gas cost revenue recovery which is less than said actual purchased gas costs, including refunds from suppliers.

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Spire Missouri Inc., St. Louis, MO. 63101

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For: Spire Missouri East

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**PURCHASED GAS COST ADJUSTMENT**  
**PGA**

C. Deferred Purchased Gas Cost Accounts (continued)

1. Such excess or deficiency in total gas cost recovery, for sales customers, interruptible customers and for firm and basic transportation, shall be determined by a monthly comparison of the actual cost of gas, net of storage injections and withdrawals, as shown on the Company's books and records, for each revenue month to the gas cost revenues recovered for such revenue month. The actual cost of gas shall be reduced for any refunds received from the Company's suppliers in connection with gas supply, transportation and storage services. Such refunds shall remain a liability of the Company to be distributed to customers with interest.

2. Each component of actual gas cost shall be allocated to the sales and transportation customers in accordance with the CPGA components described in Paragraph 2 of Section A above relating to each component and based on the volumes sold and/or transported to the applicable customer classification during the twelve month period ending with the September revenue month. The actual costs of propane peak shaving supplies and penalties will be allocated solely to firm sales customers, including LVTSS and VF customers.

3. The amount of gas cost revenues recovered each month for the sales classes shall be the product of the actual therm sales of each sales class and the gas cost revenue recovery components for such sales. Such revenue recovery component shall be equal to the CPGA applicable to sales customers.

4. The amount of gas cost revenues recovered each month for the transportation classes shall be the product of the actual therms transported and the "Additional Transportation Charges," where applicable, specified in the Company's Large Volume Transportation and Sales Service tariff.

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**PURCHASED GAS COST ADJUSTMENT**  
**PGA**

C. Deferred Purchased Gas Cost Accounts (continued)

5. Each month, carrying costs, at a simple rate of interest equal to the prime bank lending rate (as published in The Wall Street Journal on the first business day of such month), minus two percentage points, shall be applied to the Company's average beginning and ending monthly ACA accounts, including the balance of any undistributed refunds received from the Company in connection with natural gas supply, transportation and storage services. In addition, carrying costs shall be applied to the average beginning and ending balance of the cumulative payments made and/or received in connection with the Company's use of financial instruments as adjusted for hedging gains and/or losses flowed through to customers through paragraph 6 below. In no event shall the carrying cost rate be less than 0%. Corresponding interest income and expense amounts shall be recorded on a net cumulative basis for the ACA deferral period.

6. For each twelve-month period ending with the September revenue month, the differences of the comparisons described above including, any carrying costs where applicable, and any balance or credit for the previous year shall be accumulated to produce a cumulative balance of excess or deficiency of gas cost revenue recovery. "Actual Cost Adjustment" (ACA) factors, which shall be included in the Company's November PGA filing, as such filing is described in Section E.1, shall be computed by dividing such balances by the applicable estimated sales or transportation volumes during the subsequent twelve-month ended October period for sales and transportation classes. Such ACA factors shall remain in effect until superseded by revised ACA factors in the next scheduled November PGA filing. All actual ACA revenue recovered shall be debited or credited to the balance of the ACA account as appropriate and any remaining balance shall be reflected in the subsequent ACA computations.

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**PURCHASED GAS COST ADJUSTMENT**  
**PGA**

D. Gas Supply Incentive Plan

For purposes of reducing the impact of upward natural gas commodity price volatility on the Company's customers, a Gas Supply Incentive Plan (GSIP) shall be established in which the Company shall have the opportunity to share in price reductions earned by the Company in the acquisition of natural gas commodities.

The GSIP recognizes that the Company, through various purchasing techniques, including hedging, may be able to acquire supplies of natural gas for its on-system customers at levels below an established benchmark price. If the Company can acquire natural gas commodity prices below the benchmark, then it will have the opportunity to keep some of those price reductions, if those prices fall within certain pre-defined pricing tiers.

1. The GSIP applies to the total commodity cost of natural gas supplies purchased for on-system consumers, inclusive of the cost and price reductions associated with the Company's use of financial instruments divided by actual purchase volumes for on-system customers, ("Net Commodity Gas Price"), for all volumes purchased by the Company for on-system resale during the Company's October through September ACA period. The Company shall retain in an Incentive Revenue (IR) Account a portion of certain cost reductions the Company realizes in connection with the acquisition and management of its gas supply portfolio.

(a). In order to determine if the Company is eligible for incentive compensation due to its purchasing activities, Net Commodity Gas Price per MMBtu and the Annual Benchmark Price per MMBtu of natural gas for the ACA period will be evaluated to determine in which of the following tiers each respective price falls.

TIER LEVELS

Tier 1	less than or equal to \$3.000 per MMBtu
Tier 2	greater than \$3.000 per MMBtu and less than or equal to the Incentive Sharing Ceiling set forth below
Tier 3	greater than the Incentive Sharing Ceiling at \$6.50 per MMBtu

(b). In order for the Company to be able to receive incentive compensation, Net Commodity Gas Price per MMBtu must be below the Annual Benchmark Price per MMBtu and the Net Commodity Gas Price per MMBtu must fall within Tier 1 or Tier 2. Further, the Annual Benchmark Price per MMBtu must fall within Tier 2 or Tier 3.

The Annual Benchmark Price per MMBtu shall be calculated as follows: First, for each month of the ACA period, the associated First-of-Month (FOM) index prices as shown below and as reported in the Inside FERC's Gas Market Report shall be weighted by the following percentages to develop a FOM composite price:

DATE OF ISSUE: March 20, 2018

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**PURCHASED GAS COST ADJUSTMENT**  
**PGA**

## D. Gas Supply Incentive Plan (continued)

Enable Gas Transmission ("EGT") – East	22%
Natural Gas Pipeline Co. of America - Mid-Continent	8%
Natural Gas Pipeline Co. of America - South Texas	5%
Panhandle Eastern Pipe Line Co. ("PEPL")	10%
EGT-West- EGT-East index less \$0.035	24%
Trunkline Gas Co. – Louisiana	6%
Southern Star Gas Pipeline Central	12%
Enable Mississippi River Transmission - West leg-Henry Hub less \$.07	13%

Second, the Annual Benchmark Price will then be calculated by taking the monthly FOM composite price as calculated above for each month and weighting said price by each month's associated actual purchase volumes for on-system customers.

The Company shall notify Staff and OPC promptly upon any individual changes to its pipeline capacity equal to or greater than 10% of existing subscribed capacity, and shall work with OPC and Staff to set a new GSIP benchmark.

(c). Incentive Compensation - The Company will be eligible for incentive compensation if the Net Commodity Gas Price falls in either Tier 1 or Tier 2, is below the Annual Benchmark Price per MMBtu, and the Annual Benchmark Price per MMBtu is in either Tier 2 or Tier 3. If those conditions are satisfied, the Company will receive incentive compensation of 10% of the difference between the Net Commodity Gas Price and the Annual Benchmark Price per MMBtu, multiplied by the Company's purchase volumes for on-system sales during the ACA period, up to a maximum of \$3,000,000 in incentive compensation. The Incentive Adjustment (IA) Account shall be debited by the Company's appropriate compensation amount and the IR Account will be credited by the same amount.

(d). Gas costs not included in this mechanism include pipeline service costs, storage costs, demand charges, and any reductions in natural gas supply due to bundled transportation contracts that increase transportation costs to achieve lower gas supply costs. No incentive compensation will be given for reductions in actual gas prices if such reductions are tied to any increase in pipeline service costs and/or demand charges, unless such costs or charges are necessitated by significant changes in the Company's system operating conditions.

(e). The Commission shall retain the ability to evaluate and determine the prudence of the Company's efforts in connection with its procurement of gas and management of its gas supply demand and transportation services.

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**PURCHASED GAS COST ADJUSTMENT**  
**PGA**

D. Gas Supply Incentive Plan (continued)

(f). Subject to the market-out clause of this tariff, no revisions to the GSIP shall be made any sooner than the effective date of rates in the Company's next general rate case proceeding. Any party shall have the right to propose termination or modification of the program in case of significant impacts on the price of natural gas by such acts as acts of God, change in federal or state law or regulation, or significant change in gas supply market or system operating conditions.

(g). During the course of the GSIP, the Company shall provide quarterly monitoring reports to the Staff and Public Counsel detailing any potential price reductions achieved under the GSIP, quantifying the Company's share of any such price reductions, explaining the measures used by the Company to reduce such prices, and a summary of all hedged positions. The reports shall also include monthly details regarding the actual volumes purchased and the actual FOM pricing index that said volumes were priced at compared to the Pipeline FOM Index table above. If any volumes were purchased with a different FOM pricing point (index) or pricing arrangement, separate accounting shall occur so that the actual indices used may be compared to the benchmark indices. This information shall be accumulated in such a fashion to allow a ready comparison of the actual volumes purchased by basin or FOM price point versus the FOM pipeline percentages set out in the table above. The quarterly monitoring reports shall also include details of the monthly volumes (both actual volumes and contracted volumes) of each type of supply contract including baseload supply contracts, combination supply contracts, swing supply contracts and any other type of supply contract. These reports will be due 30 days after the last day of each applicable quarter. The Company shall also provide with its annual ACA filing a reliability report explaining, in reasonable detail, why its gas supplies and transportation services are appropriate to meet anticipated requirements of its firm service customers.

2. The debits to the IA Account shall be allocated to the applicable customer classifications, based on the volumes sold during the ACA period. Debits shall be allocated to the Company's on-system sales customers consistent with the allocation of commodity related charges set forth in A.2.c.

3. For each ACA year, the debits recorded in the IA Account, including any balance from the previous year, shall be accumulated to produce a cumulative balance of incentive adjustments. For purposes of computing new ACA factors for the subsequent twelve-month period beginning with the effective date of the Winter PGA, such cumulative incentive adjustment balances shall be combined with the appropriate Deferred Purchased Gas Costs Account balances. The Company shall separately record that portion of ACA revenue recovery which is attributable to recovery of the IA Account balances. Any remaining balance shall be reflected in the subsequent ACA computations.

4. These calculations exclude any volumes and costs relating to gas supplies sold to the Company by schools or their agents under the Company's Experimental School Transportation Program Tariffs.

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**PURCHASED GAS COST ADJUSTMENT**  
**PGA**

E. Filing Requirements & Applicability

1. The Company shall be allowed to make up to four PGA filings each year. One such filing shall be effective in November of each year. No more than one PGA filing shall become effective in any two consecutive calendar months unless specifically ordered by the Commission. In any PGA Filing, the Company may file a rate change (hereinafter referred to as the "PGA Filing Adjustment Factor" (FAF) not to exceed five cents (\$0.05) per Therm which is designed to refund to, or recover from, customers any over- or under-recoveries of gas costs that have accumulated since the Company's last ACA Filing.

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**PURCHASED GAS COST ADJUSTMENT**  
**PGA**

E. Filing Requirements & Applicability (continued)

2. With the exception of the CPGA factor applicable to LVTSS and VF customers, at least ten business days before applying any Purchased Gas Adjustment(s) the Company shall file with the Commission an Adjustment Statement showing:

(a). The computation of the revised CPGA, ACA and FAF factors.

(b). A revised PGA Tariff Sheet No. 11.16 setting forth the rate classes of the Company to which the Purchased Gas Adjustment(s) is to be applied, the net amount per therm, expressed to the nearest .001¢ to be used in computing the Total Purchased Gas Adjustment (sum of CPGA, ACA, and FAF) applicable to customers' bills under each rate schedule, and the effective date of such adjustment.

(c). The Company shall also file with the Commission, as soon as available, copies of any orders or other pertinent information applicable to the wholesale rate(s) charged the Company by its suppliers. At the time of the Company's filing, the Company shall also submit to the Commission Staff and the Office of the Public Counsel, detailed workpapers supporting its filing in electronic format. Any supporting material disclosing market-specific information will be designated "Confidential" and will only be made available to a party other than Staff or OPC that executes a non-disclosure statement.

3. The resulting increases or decreases in charges for gas service resulting from an increase or decrease in the CPGA, ACA, and FAF factors shall be effective on a pro-rata basis beginning with the effective date of the revised Tariff Sheet No. 11.16, or the effective date provided by paragraph A.5, and shall be fully effective one month thereafter, provided that any such proposed increase or decrease in charges satisfies the terms of Section E hereof.

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**PURCHASED GAS COST ADJUSTMENT**  
**PGA**

## F. STANDARD VOLUMES\*

	THERMS
FIRM SALES	716,179,440
INTERRUPTIBLE SALES	<u>6,297,668</u>
TOTAL SALES	722,477,108
FIRM TRANSPORTATION	19,408,343
BASIC TRANSPORTATION	166,499,328
AUTHORIZED OVERRUN	
TOTAL THROUGHPUT	908,384,779
TOTAL PURCHASES	741,603,810

\* Standard Volumes on sheet 11.14 will be applicable starting with the mandatory November 2018 PGA

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**PURCHASED GAS COST ADJUSTMENT**  
**PGA**

G. Sharing of Off-System Sales and Capacity Release Revenues

The Company and its Firm Sales and Firm Transportation customers shall share the Off-System Sales margins and Capacity Release Revenues realized by the Company. Firm Sales and Firm Transportation customers shall retain 75% of the annual off-system sales margins and capacity release revenues and the Company shall retain 25% of such margins and revenues.

The customers' share of Off-System Sales margins and Capacity Release Revenues shall be credited to a separate Deferred Purchased Gas Cost account and any amounts greater than or less than the amounts used as a credit in the computation of the CPGA and LVTSS capacity reservation charges shall be adjusted in the Company's next succeeding ACA computation. Customers' share of Off-System Sales margins shall be allocated to firm sales and firm transportation customers based on the contribution that each customer class made to the recovery of the Company's gas supply demand charges and capacity reservation charges and in accordance with the CPGA components described in A.2.a. above and the volumes sold and/or transported to the applicable customer classifications during the twelve month period ending with the September revenue month. Customers' share of Capacity Release Revenues shall also be allocated to firm sales and firm transportation customers based on the contribution that each customer class made to the recovery of the Company's capacity reservation charges and in accordance with the CPGA components described in A.2.b. above and the volumes sold and/or transported to the applicable customer classifications during the twelve month period ending with the September revenue month.

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**PURCHASED GAS COST ADJUSTMENT**  
**PGA**

## Adjustment Statement

In accordance with the Company's Purchased Gas Adjustment Clause contained in Sheet Nos. 11 through 11.16, inclusive and the Company's Purchased L.P. Gas Adjustment Clause contained on Sheet No. 8 and Sheet No. 8.1, the following adjustments per therm or per gallon, where applicable, will become effective on and after the effective date of this tariff.

<u>Sales Classification</u>	<u>Current PGA</u>	<u>ACA-Including Refunds</u>	<u>FAF</u>	<u>Total Adjustment</u>
Residential General	41.795¢	4.222¢	(0.000¢)	46.017¢
Small General Service	41.795¢	4.222¢	(0.000¢)	46.017¢
Large General Service	41.795¢	4.222¢	(0.000¢)	46.017¢
Large Volume Service	41.795¢	4.222¢	(0.000¢)	46.017¢
Interruptible	29.540¢	(3.091)¢	(0.000¢)	26.449¢
LVTSS*		11.399¢		
VF*		5.000¢	0.000¢	
Other Firm Service:	41.795¢	4.222¢	(0.000¢)	46.017¢
L.P. Gas	195.008¢	34.312¢		229.320¢

Residential sales are rendered under Residential General Service (Sheet No. 2)

SGS & LGS sales are rendered under Small General Service and Large General Service (Sheet Nos. 3, and 4), respectively.

LVTSS sales are rendered under the Large Volume Transportation and Sales Service Rate (Sheet No. 10).

VF sales are rendered under the Vehicular Fuel Rate (Sheet No. 9).

Other Firm sales are rendered under the Large Volume Service Rate (Sheet No. 5) and the Unmetered Gas Light Service Rate (Sheet No. 6).

Interruptible sales are rendered under the Interruptible Service Rate (Sheet No. 7).

L.P. Gas sales are rendered under the General L.P. Gas Service Rate (Sheet No. 8).

\* Revised each month in accordance with Section A.5 of the PGA clause.

## Additional Transportation Charges, ACA Factors and Refunds

<u>Customer Groups</u>	<u>TOP</u>	<u>Capacity Reservation</u>	<u>Other Non-Commodity</u>	<u>ACA</u>
Firm		9.080¢	-	4.856¢
Basic				0.000¢

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**INFRASTRUCTURE SYSTEM REPLACEMENT SURCHARGE**  
**ISRS**

Description: The ISRS is designed to recover the costs associated with the Company's eligible infrastructure replacements in accordance with the provisions of Sections 393.1009 to 393.1015, RSMo.

Applicability: In addition to the other charges provided for in the Company's tariff, a monthly ISRS shall be added to each customer's bill for service rendered on and after the effective date of the ISRS.

Schedule of Surcharges: The amount of the ISRS by rate schedule is as follows:

Residential Service (RG)	\$ 0.00
Small General Gas Service (SGS)	\$ 0.00
Large General Gas Service (LGS)	\$ 0.00
Large Volume Service (LV)	\$ 0.00
Unmetered Gas Light Service (SL)	\$ 0.00
Interruptible Service (IN)	\$ 0.00
General L.P. Gas Service (LP)	\$ 0.00
Vehicular Fuel Rate (VF)	\$ 0.00
Large Volume Transportation and Sales Service (LVTSS)	\$ 0.00

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**WEATHER NORMALIZATION ADJUSTMENT RIDER**  
**WNAR**

**APPLICABILITY**

The Weather Normalization Adjustment ("WNA") Rider is applicable to each therm of gas delivered under the terms of the residential rate schedule throughout the entire service area of Spire East until such time as it may be discontinued or modified by order of the Commission in a general rate case. The Rider will be applied as a separate line item on a customer's bill.

**CALCULATION OF ADJUSTMENT**

The WNA Factor will be calculated for each billing cycle and billing month as follows:

$$WNA_i = \sum_{j=1}^{18} ((NDD_{ij} - ADD_{ij}) \cdot C_{ij}) \cdot \beta$$

Where:

- i = the applicable billing cycle month
- $WNA_i$  = Weather Normalization Adjustment
- j = the billing cycle
- $NDD_{ij}$  = the total normal heating degree days based upon Staff's daily normal weather as determined in the most recent rate case.
- $ADD_{ij}$  = the total actual heating degree days, base 65° at St. Louis Lambert International Airport Weather Station
- $C_{ij}$  = the total number of customer charges charged in billing cycle j and billing month i
- $\beta$  = the coefficient of 0.1493772 for Spire East

1. Monthly  $WNA_i = WNA_i \times$  Weighted Residential Volumetric Rate ("WRVR")<sub>i</sub>
2. The WRVR applicable to each month shall be derived using the billing determinants and residential volumetric rates from the Company's then most-recent rate case. For the winter billing months (November through April) the WRVR shall be equal to the Residential Winter Charge for Gas Used established at the conclusion of each general rate case. For Case No. GR-2017-0215 the amount is \$0.23330. The WRVR for each of the summer billing months (May through October) shall be determined at the conclusion of each general rate case as the percentage of total residential customers whose usage ends in the first rate block multiplied by the volumetric rate of that block plus the percentage of total residential customers whose usage ends in the second rate block multiplied by the volumetric rate of that block. Currently effective summer WRVR's are reflected in the table below:

May	June	July	August	September	October
\$0.21368	\$0.21106	\$0.21044	\$0.21029	\$0.21054	\$0.21096

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**WEATHER NORMALIZATION ADJUSTMENT RIDER**  
**WNAR**

3. The Current Semiannual WNA ("CSWNA") shall be the sum of the billing cycle WNA for each of the six Monthly WNA<sub>i</sub> for the billing months in the applicable six month period divided by the annual volumetric billing determinants set for the residential rate class in the most recent rate case.
4. Semiannual Reconciliation Rate ("SRR"): Two (2) months prior to the end of the twelve (12) months of billing of each CSWNA, the over- or under-billing of the numerator of the CSWNA shall be calculated based on ten (10) months actual sales and two (2) months projected sales. The amount of over- or under-billing shall be adjusted as ordered by the Commission, if applicable. The resulting amount shall be divided by the annual volumetric billing determinates set for the residential rate class in the most recent rate case. Two (2) months prior to the end of the twelve (12) months of billing of each SRR, the over- or under-billing of the SRR shall be calculated based on ten (10) months actual sales and two (2) months projected sales. Any remaining over- or under-billing from the SRR shall be applied to the next SRR. The two (2) months projected sales associated with each CSWNA and SSR shall be trued-up with actuals upon calculation of the next applicable SSR.
5. The Company will make a semiannual rate filing with the Commission 30 days prior to the first effective day referenced in the CSWNA table to adjust the WNA Rider. Each CSWNA and SRR will remain in effect for twelve (12) months. The total WNA Rider rate shall be the sum of all effective CSWNAs and SRRs.
6. There shall be a limit of \$0.05 per therm on upward adjustments for the WNA and no limit on downward adjustment. Any WNA adjustments amounts in excess of \$0.05 per therm will be deferred for recovery from customers in the next WNA adjustment and applicable to part a. below.
- a. Each month, carrying costs, at a simple rate of interest equal to the prime bank lending rate (as published in The Wall Street Journal on the first business day of such month), minus two percentage points, shall be applied to the Company's average beginning and ending monthly WNA balances. In no event shall the carrying cost rate be less than 0%. Corresponding interest income and expense amounts shall be recorded on a net cumulative basis for the WNA deferral period.

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**WEATHER NORMALIZATION ADJUSTMENT RIDER**  
**WNAR**

RATE:

CSWNA Table:

<u>Period</u>	<u>Rate First Effective</u>	<u>Months</u>	<u>Rate Ending Effective</u>	<u>CSWNA (Semiannual)</u>
2019 S1	4/1/2019	12	3/31/2020	TBD
2018 S2	10/1/2018	12	9/30/2019	TBD
2018 S1	Effective Date of this Sheet		3/31/2019	0.0000
2017 S2	Effective Date of this Sheet		9/30/2018	0.0000

SRR Table:

<u>Period</u>	<u>Rate First Effective</u>	<u>Months</u>	<u>Rate Ending Effective</u>	<u>SRR (Semiannual)</u>
2019 S1	4/1/2019	12	3/31/2020	TBD
2018 S2	10/1/2018	12	9/30/2019	TBD
2018 S1	Effective Date of this Sheet		3/31/2019	0.0000
2017 S2	Effective Date of this Sheet		9/30/2018	0.0000

WNA Rider Rate:

<u>Period</u>	<u>Rate First Effective</u>	<u>Months</u>	<u>Rate Ending Effective</u>	<u>Monthly WNA Rider Rate</u>
2018 S1	Effective Date of this Sheet		9/30/2018	0.0000

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**BILLING OF LICENSE, OCCUPATION, OR  
OTHER SIMILAR CHARGES OR TAXES**

There shall be added to the Customer's bill, as a separate item, an amount equal to any license, occupation, or other similar charge or tax now or hereafter imposed upon the Company, whether imposed by ordinance or franchise or otherwise, applicable to gas service by the Company to the Customer.

Where such charge or tax is imposed as a percentage of gross or net receipts or revenues from sales of gas, the amount of such charge or tax applicable to gas service to a Customer shall be determined by applying the rate imposed by the taxing authority.

Where such charge or tax is not imposed as a percentage of gross or net receipts or revenues from sales of gas, the amount of such charge or tax applicable to gas service to a Customer shall be determined by dividing the amount of the tax or charge applicable to the billing month by the number of Customers of the Company within the jurisdiction of the taxing authority billed during the previous billing month.

Where more than one such charge or tax is imposed by a taxing authority, the total of such charges or taxes applicable to a Customer may be billed to the Customer as a single amount.

Charges or taxes referred to in this schedule shall in all instances be billed to Customers on the basis of Company rates effective at the time of billing. There shall be returned or credited to Customers, in accordance with the Purchased Gas Adjustment Clause contained in Sheet Nos. 11 through 11.16, inclusive, that part of such charges or taxes which is collected from Customers but is not paid by the Company to taxing authorities because of refunds which the Company may receive and subsequently does receive from the Company's suppliers and which refunds are returned or credited to the Company's Customers.

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For: Spire Missouri East

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**EXPERIMENTAL SCHOOL TRANSPORTATION PROGRAM**  
**STP**

A. Overview:

Pursuant to Section 393.310 of the RSMo, the Company shall permit eligible school entities ("ESEs"), as defined in such section, to participate in an experimental program under which the natural gas supply and transportation requirements of participating ESEs are aggregated by a not-for-profit school association ("Association") on behalf of such ESEs. The Association shall be responsible for the acquisition of the ESEs' aggregated gas supplies and delivery of such supplies to the Company's distribution system in accordance with Section C below. The Company shall provide distribution service to the ESEs by delivering such gas supplies acquired by the Association to the ESEs' premises.

B. Availability of Service:

This service shall be available to all ESEs. By September 1 of each year, the Association shall provide the Company with an initial list of each school premise, including the address and the Company account number, where such service is to be provided starting the following November. By November 1 the Association may supplement such list so long as the additional projected aggregation volumes resulting from such supplement do not exceed the original projected volumes by more than 20%. The aggregation service for any customers added between September 1 and November 1 shall commence January 1.

C. Supply Planning Obligations:

1. By October 1 each year the Company shall provide the Association with an initial temperature based equation ("Delivery Schedule") which will be used by the Association as a guide to determining the daily amount of natural gas the Association must arrange for delivery into the Company's distribution system to meet the gas supply requirements of the participating schools during the subsequent 12 months ending October 31 period ("Aggregation Year"). However, the Company and the Association may make adjustments as needed to the requirements indicated by the Delivery Schedule in order to reflect the consumption pattern of the schools throughout the year and to minimize the accumulation of the imbalances as described in Section D below. The Delivery Schedule shall consist of the sum of the estimated base load and estimated heating load for all of the participating ESEs as such estimated loads are described in Sheet No. R-25 of the Company's tariff. The Normalization Adjustment Factors described in Sheet No. R-25 are set forth in Section I. (The equation will reflect, among other factors, unaccounted-for-gas, as a percentage of sales, that will be determined annually by the Company. The Company shall notify the Association of such percentage by October 1, which percentage shall consist of a base level of 2.5%, adjusted for the departure of actual unaccounted-for-gas from such base level in the previous Actual Cost Adjustment year.) By December 1 the Company shall provide the Association with a revised Delivery Schedule which will be used by

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**EXPERIMENTAL SCHOOL TRANSPORTATION PROGRAM**  
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C. Supply Planning Obligations (continued):

the Association as a guide to determining the daily amount of natural gas the Association must arrange for delivery into the Company's distribution system to meet the gas supply requirements of the participating schools during the subsequent January 1 through October 31 period.

2. Once per week during the October 15 through April 30 period, the Company shall provide the Association with the forecasted daily temperature for the one week period beginning the next day. Such forecast is to be used by the Association with the Delivery Schedule, adjusted as described in Section C.1. above ("Adjusted Delivery Schedule"), to determine the daily delivery requirements for such week. If for any business day during the October 15 through April 30 period the Company or the pipeline issues a critical day flow order or period of curtailment, or the Company determines a system operational need, then by 9:00 a.m. of such day the Company shall provide the Association with the applicable following day's (days') forecasted daily temperature that is to be used by the Association with the Adjusted Delivery Schedule to determine the applicable following day's (days') delivery requirements. The information under this paragraph shall normally be provided by email.

D. Imbalances:

Any difference between the total volumes delivered to all of the participating ESEs and the volumes of gas nominated by the ESEs' agent for delivery into the Company's distribution system, after adjusting for the differences that arise from the Company's revenue cycle billing of customers and the calendar month purchases of gas supplies, shall be accumulated in an imbalance account. Any over-delivery or under-delivery of gas in such imbalance account shall be used to ratably increase or reduce the amount of gas the Association must arrange for daily delivery into the Company's distribution system in the subsequent month.

E. Transportation Capacity:

The Company will release to the participating ESEs or their agent firm transportation capacity on Mississippi River Transmission Corporation ("MRT") at the Company's cost of such capacity in accordance with the capacity release procedures contained in MRT's Federal Energy Regulatory Commission approved tariff. Such capacity shall be released to and taken by the party designated by the Association at MRT's maximum FERC-approved rate on a recallable basis, but will not be recalled by the Company unless requested by the Association and agreed to by the Company, or unless the Association fails to deliver gas supplies in accordance with the Adjusted Delivery Schedule, as further adjusted for any imbalance, as set forth in Section G. The amount of capacity released shall equal

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**EXPERIMENTAL SCHOOL TRANSPORTATION PROGRAM**  
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E. Transportation Capacity (continued):

during the November through March winter months and during the April through October summer months 135% and 60% respectively, of the average daily consumption of participating ESEs in the peak usage month for each such ESE that occurred during the 24 months ending September 30, 2002. If such usage history is not available, such consumption shall be estimated using the factors described in Sheet No. R-25 of the Company's tariff for such ESE and the peak monthly degree days that occurred during the 24 months ending September 30, 2002.

F. Billing, Payment and Reporting Responsibilities

Each month the Company shall bill each eligible entity for gas metered at each entity's premise at the non-gas distribution rates under which service is provided to such entity. In addition, the Company shall bill each ESE a \$.004 per therm aggregation and balancing fee on every therm delivered to each ESE plus any additional charges and Incremental Costs as described in Sections G and H below. Payment for such service shall be due the later of the due date appearing on each individual bill or ten days from the date the Company submits an aggregated electronic billing statement, if any, to the Association. In the absence of such an aggregated billing statement, the Company shall provide individual ESE monthly billing data in electronic format to the Association. The Company shall be responsible for the periodic remittance of gross receipts taxes to each municipality for the most recent applicable billing period based on the non-gas distribution billings made to each customer. The Association shall be responsible for the periodic remittance of gross receipts taxes to each municipality for the most recent applicable billing period based on the natural gas and transportation services purchased directly by the Association on behalf of the ESEs located within each such municipality.

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G. Failure To Deliver Supplies:

As described above, the Association, on behalf of the ESEs, is obligated to deliver supplies into the Company's distribution system in accordance with the Adjusted Delivery Schedule, as further adjusted for any imbalance. In the event such supplies are not so delivered, the Company shall be entitled to convert the ESEs to regular sales service from the Company until the Association is able to resume the delivery of such supplies, and the aggregation service shall be temporarily suspended. The Company may terminate the aggregation service if the Association is unable to resume the delivery of such supplies within five business days, or if the Association has failed to make deliveries in accordance with the Adjusted Delivery Schedule for a third time within the same Aggregation Year. Except in a period when the Company's Basic Transportation customers are limited to their Daily Scheduled Quantities as described in Section C of the Company's Large Volume Transportation and Sales Service rate schedule, the ESEs shall have the option of paying the Unauthorized Use Charge for any volumes not delivered in accordance with the Adjusted Delivery Schedule. In the event the ESEs exercise this option, then such event will not be counted as a failure to deliver for purposes of this section. To the extent that the delivery failure occurs during a period when the Company's Basic Transportation customers are limited to their Daily Scheduled Quantities as described in Section C of the Company's Large Volume Transportation and Sales Service rate schedule, the Company shall bill the Association, on behalf of the ESEs, the Unauthorized Use Charge set forth in such section for each therm not delivered in accordance with the Adjusted Delivery Schedule.

H. Incremental Costs:

So as to ensure that this aggregation program will not have any negative impact on the Company or its other customers, and that the charges for the service produce revenues sufficient to recover all incremental costs of the service, charges for this service shall be adjusted, as necessary, to fully recover the incremental cost of providing the service, to the extent such costs are not otherwise recovered through other provisions of this tariff. Any under collection shall be recovered over a period of twelve months. Payments for capacity made available by the Company under Section E shall not be considered capacity release revenues, and shall be credited to the Deferred Purchase Gas Cost Account, provided that the Company may seek to recover, through an ACA adjustment, any losses in such revenues that the Company experiences as a result of making such capacity available, and provided further that the Company shall not be required to absorb the cost of any pipeline capacity formerly reserved to satisfy the requirements of the ESEs prior to the onset of the program.

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**EXPERIMENTAL SCHOOL TRANSPORTATION PROGRAM**  
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## I. Normalization Adjustment Factors:

The Normalization Adjustment Factors for each month to be used in the derivation of the Delivery Schedule described in Section C above are as follows:

October	1.2
November	1.3
December	1.6
January	1.8
February	1.7
March	1.6
April	1.3
May	1.2
June	1.1
July	1.0
August	1.0
September	1.1

## J. Disposition of Gas Cost Differences Accrued Prior to November 1, 2007

Any differences accrued under the program prior to November 1, 2007 between the Association's cost of gas, including the \$.004 per therm aggregation and balancing fee, and the gas costs billed to the ESEs through the Company's Purchased Gas Adjustment rates shall continue to be flowed through to the ESEs until such cost differences are extinguished.

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**RECONNECTION CHARGES**

Charges for reconnection of service as described in Rule No. 12 of this tariff, shall be as follows:

- (A) Residential Customer \$62.00
- (B) Commercial or Industrial Customer, the greater of:
  - (1) The applicable charge set out in (A) above; or
  - (2) A charge that is equal to the actual labor and material costs that are incurred to complete the disconnection and the reconnection of service.
- (C) Residential, Commercial, or Industrial Customer whose service pipe was disconnected and/or whose meter was removed by reason of fraudulent use or tampering, the greater of:
  - (1) The applicable charge set out in (A) or (B) above; or
  - (2) A charge that is equal to the actual labor and material costs that are incurred in the removal of the meter or disconnection of the service pipe and the reinstallation of the meter or the reconnection of the service pipe.

**METER READING NON-ACCESS CHARGE**

The charge for non-access as described in Rule No. 18 of this tariff, shall be as follows:

Charge for Non-Access \$10.00

**COLLECTION TRIP CHARGE**

The collection trip charge as described in Rule No. 18 of this tariff shall be as follows:

Collection Trip Charge \$9.00

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**RETURNED PAYMENT CHARGE**

A charge shall be assessed for any check or electronic payment submitted to the Company by or on behalf of a customer whenever such payment has been returned by the financial institution through which such payment was to have been made.

Returned Payment Charge	\$15.00
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**SERVICE AND METER RELOCATION CHARGES**

The charges for changing the location of a customer's service pipe or meter at the customer's request, as described in Rule No. 8.2 of this tariff, shall be as follows:

**Residential**

Relocate outside meter assembly	\$150.00
Move inside meter to outside	\$250.00
Move inside meter to a new inside location	\$100.00
Adjust height of meter assembly due to a grade change	\$125.00
Temporarily disconnect service line	\$60.00

## Relocate or extend a service line:

0 to 10 feet	\$120.00
11 to 20 feet	\$180.00
21 to 30 feet	\$230.00
31 to 40 feet	\$270.00
41 to 50 feet	\$300.00
Over 50 feet	\$300.00
	plus \$5.00 per foot

Miscellaneous	Time and material
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<b><u>Commercial and Industrial</u></b>	Time and material
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The above relocation charges shall be included in the customer's bill for gas service or in a separate billing and may be paid in installments, at the customer's option, over a period of up to three months with no interest or finance costs.

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**METER TEST CHARGES**

The charges for each test of a customer's meter when performed at the customer's request more than once in a twelve month period, unless the meter registration is proved to be inaccurate in excess of 2%, as described in Rule No. 10 of the tariff, shall be as follows:

Residential meter	\$75.00
Commercial and Industrial meter	\$125.00

**EXCESS FLOW VALVE CHARGES**

EXCESS FLOW VALVES (EFV): To comply with United States Department of Transportation Regulation 49 CFR Part 192.383, the Company will install an EFV for certain new or replaced eligible gas service lines\*, at no cost to the customer. These include:

- Single family residences
- Multi-family residences, and
- Small commercial entities consuming natural gas volumes not exceeding 1,000 Standard Cubic Feet per Hour

In addition, a customer may request an EFV be installed on an existing service line at their own expense, based upon suitable payment arrangements agreed to by the Company. If the service line is eligible\* for EFV installation, the Company will install the EFV on a mutually agreed date at a cost as set forth below:

Installation costs of an EFV on an eligible service line for an existing customer when requested by the customer and when service is not being replaced will consist of:

- A. EFV Standard Charge: Customer may request installation of an excess flow valve consisting of a valve and labor for a standard charge of \$1,200 (based on typical minimum requirements) for the EFV installation, subject to the provisions of Section B. Costs for minimum installation requirements will be based on time and material.
- B. EFV Installation Beyond or Less than the EFV Standard Charge: Company shall provide an estimate of the actual cost of installation prior to undertaking an installation. Installation of an EFV in excess of that provided by the Standard Charge as determined under Section A will be made by the Company, provided the applicant requesting installation of an EFV deposits, as a contribution-in-aid-of-construction, the Company's estimated cost of such excess. Any variation between any charge under Section A or this Section B and the actual cost of installation shall be refunded to customer within 60 days

\*Eligibility to install an EFV device will depend upon operating conditions in effect for the service, such as the inlet pressure, which may not allow the EFV to operate effectively.

**SERVICE INITIATION CHARGE**

The charge for initiation of gas service as described in Rule No. 32 is as follows:

Service initiation charge	\$25.00
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Such charge shall be billed to the customer in equal installments over a four month period.

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