Spire Missouri Inc. d/b/a/ Spire

Spire Missouri Inc.

SCHEDULE OF RATES AND CHARGES APPLYING TO SPIRE MISSOURI WEST SERVICE AREAS*

SPIRE WEST SERVICE AREAS

All areas and communities served in Andrew, Barry, Barton, Buchanan, Carroll, Cass. Cedar, Christian, Clay, Clinton, Cooper, Dade, DeKalb, Greene, Henry, Howard, Jackson, Jasper, Johnson, Lafayette, Lawrence, McDonald, Moniteau, Newton, Pettis, Platte Ray, Saline, Stone, and Vernon Counties.

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

DATE OF ISSUE: March 20, 2018 DATE EFFECTIVE: April 19, 2018

ISSUED BY: C. Eric Lobser, VP, Regulatory & Governmental Affairs

For: Spire Missouri West

Adoption Notice

Consistent with Ordered Paragraph Nos. 4 and 5 of the Commission's July 17, 2013 Order Approving Unanimous Stipulation and Agreement and Granting a Certificate of Public Convenience and Necessity in Case No. GM-2013-0254, The Laclede Gas Company, now known as Spire Missouri Inc., hereby adopts, ratifies, and makes its own in every respect, the Schedule of Rates and Charges and General Terms and Condition for Gas Service for Missouri Gas Energy, a Division of Southern Union Company, now known as Spire Missouri West, currently on file with and approved by the Missouri Public Service Commission. This adoption was effective September 1, 2013.

DATE OF ISSUE: March 20, 2018 DATE EFFECTIVE: April 19, 2018

ISSUED BY: C. Eric Lobser, VP, Regulatory & Governmental Affairs

Spire Missouri Inc. d/b/a/ Spire

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DATE OF ISSUE: March 20, 2018 DATE EFFECTIVE: April 19, 2018

ISSUED BY: C. Eric Lobser, VP, Regulatory & Governmental Affairs

Spire Missouri Inc. d/b/a/ Spire

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 \$20.00

Winter Billing Months of November-April

Charge for Gas Used – per CCF \$0.15637

Summer Billing Months of May-October

Charge for Gas Used- per CCF

For the first 50 CCFs used per month \$0.14073 For all CCFs used in excess of 50 CCFs \$0.17362

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 Ccf for increases and decreases in the Company's cost of purchased gas, as set out on Sheet No. 11.13.

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 charge authorized by Sheet No. 14.

Late Payment Charge – 1.5% will be added to the current 30-day past due balance on all bills not paid within 21 days after rendition, unless otherwise required by law or other regulation.

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.

DATE OF ISSUE: March 20, 2018 DATE EFFECTIVE: April 19, 2018

ISSUED BY: C. Eric Lobser, VP, Regulatory & Governmental Affairs

IALL GENERAL GAS SERVICE

For: Spire Missouri West

SMALL GENERAL GAS SERVICE SGS

AVAILABILITY

To natural gas service supplied at one point of delivery to commercial customers and industrial customers whose natural gas requirements at a single address or location do not exceed 10,000 Ccf* in any one year. This rate is also applicable to U.S. Military Bases for redistribution without resale for normal domestic uses when individual housing facilities are utilized for base personnel, and where delivery of gas can be made through master metering installations for distribution through facilities provided, owned, and regularly maintained and operated by the Government.

Transportation service under this schedule is only available to schools receiving transportation service under the Experimental School Transportation Program (STP) tariff schedule.

Compression of natural gas for use as a fuel in vehicular combustion engines-CNG Applicable to gas service provided under contract to retail distributors for the sole purpose of compressing natural gas for use as a fuel in vehicular internal combustion engines.

Service under these schedules shall be through one or more meters at the option of the Company, provided they are located at the same premise. Service for any end use of gas other than the compression of natural gas for vehicle use, such as space heating, water heating, processing or boiler fuel use, is not permitted under these schedules as provided.

When more than one meter or metering facility is set at a single location for customer's convenience, a separate customer charge will be applicable for each meter or metering facility installed.

The service provided under this rate schedule does not include the provision of compression services or facilities.

* 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 31st 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.

DATE OF ISSUE: March 20, 2018 DATE EFFECTIVE: April 19, 2018

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Spire Missouri Inc. d/b/a/ Spire

SMALL GENERAL GAS SERVICE SGS

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

Customer Charge – per month \$30.00

Charge for Gas Used – per Ccf \$0.11495

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 Ccf for increases and decreases in the Company's cost of purchased gas, as set out on Sheet No. 11.13.

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 charge authorized by Sheet No. 14.

Late Payment Charge – 1.5% will be added to the current 30-day past due balance on all bills not paid within 21 days after rendition, unless otherwise required by law or other regulation.

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.

DATE OF ISSUE: March 20, 2018 DATE EFFECTIVE: April 19, 2018

ISSUED BY: C. Eric Lobser, VP, Regulatory & Governmental Affairs

Spire Missouri Inc. d/b/a/ Spire

LARGE GENERAL GAS SERVICE LGS

AVAILABILITY

To natural gas service supplied at one point of delivery to commercial customers and industrial customers whose natural gas requirements at a single address or location are greater than 10,000 Ccf* in any one year and does not exceed 30,000 Ccf in any one month. Upon application and approval by the Company, this rate is also applicable to commercial and industrial customers whose natural gas requirements at a single address or location exceeds 30,000 Ccf in any one month of a twelve-month billing period.

This rate is also applicable to U.S. Military Bases for redistribution without resale for normal domestic uses when individual housing facilities are utilized for base personnel, and where delivery of gas can be made through master metering installations for distribution through facilities provided, owned, and regularly maintained and operated by the Government.

Customers electing to transport shall be subject to a contract between the customer and the Company in the form of Sheet Nos. 23 through 25 as applicable, unless otherwise authorized by state law.

Compression of natural gas for use as a fuel in vehicular combustion engines - CNG Applicable to gas service provided under contract to retail distributors for the sole purpose of compressing natural gas for use as a fuel in vehicular internal combustion engines.

Service under these schedules shall be through one or more meters at the option of the Company, provided they are located at the same premise. Service for any end use of gas other than the compression of natural gas for vehicle use, such as space heating, water heating, processing or boiler fuel use, is not permitted under these schedules as provided.

When more than one meter or metering facility is set at a single location for customer's convenience, a separate customer charge will be applicable for each meter or metering facility installed.

The service provided under this rate schedule does not include the provision of compression services or facilities.

* 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 31st 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.

DATE OF ISSUE: March 20, 2018 DATE EFFECTIVE: April 19, 2018

ISSUED BY: C. Eric Lobser, VP, Regulatory & Governmental Affairs

LARGE GENERAL GAS SERVICE LGS For: Spire Missouri West

TRANSPORTATION SERVICE

Transportation service under this schedule will be available to schools receiving transportation service under the Experimental School Transportation Program (STP) tariff schedule and those customers whose annual usage exceeds 30,000 Ccf in the preceding calendar year (LGS Transportation Customers).

Qualifying transportation customers will be added on a first-come, first-served basis up to a maximum of 100 customers per year, but not less than 50 customers (if more than 50 customers apply and qualify for such service). However, in any year, if Spire West determines that it is feasible to convert more customers than specified above, Spire West will do so on a first-come, first-served basis.

Telemetry will be required (as described in rate schedule EGM) for all non-school customers taking transportation service under this schedule.

Customers must be part of an aggregation group (pool). Customers desiring to change Agents shall provide the Company forty-five (45) days' notice prior to the effective date of the change in Agents. The effective date will be the first day of a calendar month. Company will consider notice complete only with the submission of an Aggregation Agent Affidavit.

As a condition of customer being able to transfer from sales service to transportation service, customer will give twelve (12) months written notice. If less than twelve (12) months notice is given, a customer may switch if the pool operator agrees to accept a pro-rata release of Company's prorata share of the applicable interstate pipeline's firm capacity excluding storage capacity. This pro-rata share shall be based on the customer's peak month demand volume in order to pay the pipeline for that released capacity.

- a. The capacity will be released as a non-biddable release to a marketer participating in a state-regulated retail access program pursuant to the requirements of the Federal Regulatory Energy Commission as set forth in 18 C.F.R. § 284.8(h)(4), as it may be amended, restated or revised from time to time.
- b. The capacity will be released on a temporary, recallable basis.
- c. The release shall be at the average of Spire West's interstate pipeline transportation capacity costs.

DATE OF ISSUE: March 20, 2018 DATE EFFECTIVE: April 19, 2018

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LARGE GENERAL GAS SERVICE LGS

- d. After the capacity is released, Customers and Agent will deal directly with the applicable Interstate Pipeline during the period of release on all matters concerning this capacity. In the event a Customer changes Agent before the expiration of a pipeline capacity agreement, the Customer's Interstate Pipeline capacity will revert to the Company for reassignment to the new Agent.
- e. Capacity released to Agent shall be immediately recallable under any of the following conditions:
 - i. a bankruptcy filing by the Customer or Agent;
 - ii. failure to pay the Pipeline for the released capacity,
 - iii. failure to deliver the quantity of gas required to serve the firm Customer load under OFO conditions,

For: Spire Missouri West

- iv. the customer reverts to sales service or changes to a new supplier,
- v. the customer ceases operations or otherwise terminates service; or
- vi. Spire West determines that released capacity is necessary to maintain the operational integrity of Spire West's distribution system
- f. After the twelve (12) month notice period has ended, the customer's agent, will be responsible for acquiring transportation capacity for the customer and Spire West will have no obligation to release pipeline capacity to those customers or pool operators
- g. Any revenues or credits Spire West receives from capacity release as a result of transfer of sales customers to LGS transportation service will not be included in the capacity release sharing grid and one-hundred percent of the revenue or credits from such capacity release shall be flowed to sales customers through Spire West's ACA account
- h. Customers must give the Company 12 months' written notice to switch from transportation service to a general sales service rate schedule, unless sales gas is otherwise available and the customer has paid the Company the incremental cost of providing such service in the period prior to when such notice would have otherwise become effective. Such costs may include incremental pipeline transportation and storage capacity and higher gas supply costs.

DATE OF ISSUE: March 20, 2018 DATE EFFECTIVE: April 19, 2018

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Spire Missouri Inc. d/b/a/ Spire

LARGE GENERAL GAS SERVICE LGS

NET MONTHLY BILL (Sales or Transportation)

Rate

Customer Charge – per month \$130.17

Charge for Gas Used – per Ccf

Winter:

\$0.13268 per Ccf for all gas delivered during the billing months of November through March.

Summer:

\$0.07646 per Ccf for all gas delivered during the billing months of April through October.

Standby facilities charge – When a customer requests, in writing, retention of a meter larger than what is typical for the class of service that the customer has subscribed, the Company may charge the customer the Staff's proposed Delivery Charge commensurate with the size of meter being retained. In situations where a customer has two meters on the customer's premise, Spire West may charge the customer for the higher of the two Staff proposed Delivery Charges commensurate with the size of the larger of the two meters being retained, but shall not bill the customer the Staff proposed Delivery Charges for both meters. If the customer does not agree (in writing) to pay the Staff proposed Delivery Charge commensurate with the larger sized meter being retained, Spire West is free to remove the un-utilized meter.

In the event that a billing cycle has usage in more than one calendar month, the volumetric delivery charge will be prorated.

Minimum

The higher of the above rate for zero consumption plus applicable adjustments and surcharges, but subject to the Company's proration rule contained in Section 7.02 of the Company's General Terms and Conditions.

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Spire Missouri Inc. d/b/a/ Spire

LARGE GENERAL GAS SERVICE LGS

NET MONTHLY BILL (continued)

Unauthorized Use

In the event the customer is not entitled to have gas delivered to the Company under an existing interstate pipeline transportation contract, or during a local distribution system curtailment as specified in the Company's General Terms and Conditions or in the event of a zero-monthly nomination, then all deliveries to the customer shall be considered unauthorized use and shall be billed unauthorized use charges, as described in the Transportation Provisions schedule (TRPR). The Company shall use its best efforts to provide advance notice of operational orders and curtailments to the customer.

Delayed Payment Charge

1.5% will be added to the current 30-day past due balance on all bills not paid within 21 days after rendition, unless otherwise required by law or other regulation.

OTHER TERMS AND CONDITIONS

1. The transporting customer shall, at all times, cause gas to be delivered to a delivery location (an interconnection point between the delivering upstream pipeline system and the Company's local distribution system over which the gas is being delivered to the customer's facilities where it is to be ultimately consumed) which is acceptable to the Company. All gas delivered to the Company, at any time, for transportation to the customer's end use location must be delivered to the delivery location from which the Company is physically able to receive the gas and ultimately redeliver such volume to the customer's facilities.

The Company will not accept gas from an existing transportation customer, or accept a new local distribution system transportation customer, where such customer causes gas to be delivered to a delivery location which could jeopardize, at any time, delivery of gas purchased by the Company for resale to its firm customers.

The Company shall retain all records associated with its decision to deny a customer transportation service and/or to deny service at any specific delivery location. The Company will provide an explanation of its decision and supporting documentation to the customer upon request. The Company will also provide pertinent records to the staff of the Missouri Public Service Commission and the Office of Public Counsel upon request, subject to claims of privilege.

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Spire Missouri Inc. d/b/a/ Spire

LARGE GENERAL GAS SERVICE LGS

- 2. Service hereunder is further subject to the following terms and conditions as approved by the Missouri Public Service Commission:
 - 1. General Terms and Conditions (GTC).
 - 2. Purchased Gas Cost Adjustment (PGA).
 - 3. Transportation Provisions (TRPR).
 - 4. Electronic Gas Measurement Equipment (EGM).
 - 5. Tax Adjustment (TA).
 - 6. Experimental School Transportation Program (STP)
 - 7. Infrastructure System Replacement Surcharge (ISRS)

STATE OF MISSOURI SALES TAX APPLICABILITY

Sales to customers who purchase natural gas service for domestic use under this tariff shall be classified by the company as "residential" sales exempt from state sales tax.

Domestic use shall be defined as all natural gas service which is ultimately consumed at a single or multiple family dwelling for space heating, water heating, cooking, air conditioning and other household uses, and shall include, but not be limited to, natural gas service through a single or master meter for residential apartments or condominiums, including service for common areas and facilities and vacant units.

This tariff is intended to satisfy the provisions of section 144.030.2(24), RSMO, by establishing a classification system permitting the sales and purchases of natural gas for domestic use under this tariff to be classified as "residential" and exempt from state sales tax.

Taxes other than state sales taxes may still be applicable.

DATE OF ISSUE: March 20, 2018 DATE EFFECTIVE: April 19, 2018

ISSUED BY: C. Eric Lobser, VP, Regulatory & Governmental Affairs

Spire Missouri Inc. d/b/a/ Spire

LARGE VOLUME SERVICE LV

AVAILABLE

At points on the Company's existing distribution facilities located in the communities specified in the Index.

APPLICABLE

To natural gas service supplied to commercial and industrial customers whose natural gas requirements at a single address or location the Company expects will exceed 15,000 Ccf in any one month of a 12-month billing period. Service to such customers shall be subject to a contract between the customer and the Company, in the form of Sheet Nos., 23 through 25, as applicable, unless otherwise authorized by state law.

Customers receiving service under this schedule whose maximum monthly requirement at a single address or location has exceeded 15,000 Ccf during the most recent 12 month period ended February, or the Company expects will exceed 15,000 Ccf in the following contract year will retain their eligibility for this rate for the following contract year beginning November 1. Any customer failing to meet this requirement shall become ineligible for this rate at the end of the current contract year and will be served under the applicable rate schedule for such reduced requirement until such time as the customer may re-qualify for service hereunder in accordance with the above paragraph.

For purposes of this schedule, a single address or location is defined as the customer's contiguous premises, including streets, alleys and other rights of way, within an area completely surrounded by property owned by others.

When more than one meter is set at a single address or location for the customer's convenience, an LVS customer charge shall be assessed for each of the first two meters. For each such remaining installed meter, the Fixed Monthly Charge will be \$293.38. Gas delivered through all meters set at a single address or location will be aggregated for the purpose of calculating the monthly sales or transportation charges.

DATE OF ISSUE: March 20, 2018 DATE EFFECTIVE: April 19, 2018

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Spire Missouri Inc. d/b/a/ Spire

LARGE VOLUME SERVICE LV

Each customer meeting the eligibility requirements of this schedule shall give the Company 12 months written notice before switching from a general sales service rate schedule to this schedule, unless the customer has paid the Company a charge designed to reimburse the Company for any costs which have been incurred to provide sales service to the customer and which cannot be avoided or recouped through other reasonably available means. Such costs may include interstate pipeline charges for storage and transportation and higher gas costs because of a decrease in purchase volumes. Customers must give the Company 12 months written notice to switch from the transportation service to a general sales service rate schedule, unless sales gas is otherwise available and the customer has paid the Company the incremental cost of providing such service in the period prior to when such notice would have otherwise become effective. Such costs may include incremental pipeline transportation and storage capacity and higher gas supply costs.

Compression of natural gas for use as a fuel in vehicular combustion engines - CNG

Applicable to gas service provided under contract to retail distributors for the sole purpose of compressing natural gas for use as a fuel in vehicular internal combustion engines.

Service under these schedules shall be through one or more meters at the option of the Company, provided they are located at the same premise. Service for any end use of gas other than the compression of natural gas for vehicle use, such as space heating, water heating, processing or boiler fuel use, is not permitted under these schedules as provided.

When more than one meter or metering facility is set at a single location for customer's convenience, a separate customer charge will be applicable for each meter or metering facility installed.

The service provided under this rate schedule does not include the provision of compression services or facilities.

DATE OF ISSUE: March 20, 2018 DATE EFFECTIVE: April 19, 2018

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Spire Missouri Inc. d/b/a/ Spire

LARGE VOLUME SERVICE LV

CONTRACT DEMAND OPTION

1. To the extent permitted by the Company's gas sales and transportation agreements, initial Contract Demand levels will be accepted at any time and will continue through October 31 of the current year. Customers receiving service hereunder may elect to amend their Contract Demand level effective on each November 1 with at least 180 days prior written notice to the Company. Failure by an existing transportation customer to make a Contract Demand election at the required time shall be sufficient cause for the Company to extend that existing Contract Demand level for the following year. Increases in the Contract Demand level may be made only with approval of the Company which shall not be withheld if (1) the net change by all customers eligible to specify Contract Demand levels results in a decreased requirement for such gas large enough to accommodate the requested increase or (2) the net change results in an increased requirement and the Company is able to secure a sufficient gas supply and/or transportation capacity of gas to meet such increased requirements.

If the Company is unable to secure a sufficient gas supply and/or transportation capacity for this purpose, the added gas supply and/or transportation capacity, if any, will be allocated among the customers requesting an increase in their Contract Demand level based on the proportion each customer's requested increase bears to the total increase requested by all customers.

2. The Company shall be bound only to provide natural gas to satisfy the customer's Contract Demand level to the extent a supply of natural gas is available in quantities sufficient to provide such gas without jeopardizing service to higher priority customers according to the Company's priority of service schedule contained in its General Terms and Conditions and the Company shall not be liable for loss or damage to the customer in the event of curtailment of gas supply. In such event, the Company may require the customer to curtail its usage below its Contract Demand. In the event that the customer, after such notice, fails to conform its usage to the level specified by the Company, it shall be liable for all applicable Unauthorized Use Charges as set forth in the Transportation Provisions (TRPR) schedule. The customer shall be responsible for establishing and maintaining alternate fuel burning facilities adequate, in the customer's sole judgment, to prevent loss or damage to the customer in the event of curtailment of gas supply.

DATE OF ISSUE: March 20, 2018 DATE EFFECTIVE: April 19, 2018

ISSUED BY: C. Eric Lobser, VP, Regulatory & Governmental Affairs

Spire Missouri Inc. d/b/a/ Spire

LARGE VOLUME SERVICE LV

NET MONTHLY BILL

The bill for each billing period shall be the sum of the Customer Charge, the Delivery Charge, the Contract Demand Charge, and the EGM Charge. Service hereunder is subject to the Purchased Gas Cost Adjustment (PGA) schedule, the Infrastructure System Replacement Surcharge (ISRS), the Tax Adjustment (TA) schedule and other provisions as hereinafter described.

Rate

Fixed Monthly Charge: \$1095.27 per month

Volumetric Delivery Charge:

For all gas delivered during the billing months of November through March:

\$0.05512 per Ccf for the first 30,000 Ccfs delivered, plus \$0.04300 per Ccf for all additional gas delivered.

For all gas delivered during the billing months of April through October:

\$0.03441 per Ccf for the first 30,000 Ccfs delivered, plus \$0.02280 per Ccf for all additional gas delivered.

Contract Demand Charge: The Contract Demand rate as set forth in the Purchased Gas Adjustment schedule Sheet 11.13.

Maximum Delivery Charge: The delivery charge as stated above.

Minimum delivery Charge: The higher of the above rate for zero consumption plus applicable adjustments and surcharges, or the minimum as set forth by contract, but subject to the Company's proration rule contained in Section 7.02 of the Company's General Terms and Conditions. In no event may the minimum delivery charge be below an amount equivalent to:

Basic service charge plus \$0.00053 per Ccf.

DATE OF ISSUE: March 20, 2018 DATE EFFECTIVE: April 19, 2018

ISSUED BY: C. Eric Lobser, VP, Regulatory & Governmental Affairs

Spire Missouri Inc. d/b/a/ Spire

LARGE VOLUME SERVICE LV

NET MONTHLY BILL

Rate (continued)

The Purchased Gas Adjustment (PGA) rate applicable to the consumption by customers who are required or who have elected to have electronic gas measuring (EGM) equipment installed, shall be billed at the PGA rate in effect during the billing cycle. For billing cycles which have multiple PGA rates, the respective rates will be applied to the consumption measured by EGM for the periods in which the consumption occurred.

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Spire Missouri Inc. d/b/a/ Spire

$\frac{\text{LARGE VOLUME SERVICE}}{\text{LV}}$

NET MONTHLY BILL

Rate (continued)

For Customers taking service pursuant to a contract executed under the former Large Volume Flex Provision prior to April 19, 2018, such contract service shall continue until the contract expires under its own terms however such contracts may not be renewed or extended after April 19, 2018. No new Large Volume Flex Provision contracts shall be executed.

DATE OF ISSUE: March 20, 2018 DATE EFFECTIVE: April 19, 2018

ISSUED BY: C. Eric Lobser, VP, Regulatory & Governmental Affairs

LARGE VOLUME SERVICE LV

For: Spire Missouri West

NET MONTHLY BILL (continued)

Unauthorized Use

In the event the customer is not entitled to have gas delivered to the Company under an existing interstate pipeline transportation contract, or during a local distribution system curtailment as specified in the Company's General Terms and Conditions or in the event of a zero monthly nomination, then all deliveries to the customer, in excess of any contracted Contract Demand level shall be considered unauthorized use and shall be billed unauthorized use charges, as described in the Transportation Provisions schedule (TRPR). The Company shall use its best efforts to provide advance notice of operational orders and curtailments to the customer.

Delayed Payment Charge

1.5% will be added to the current 30-day past due balance on all bills not paid within 15 days after rendition, unless otherwise required by law or other regulation.

DATE OF ISSUE: March 20, 2018 DATE EFFECTIVE: April 19, 2018

ISSUED BY: C. Eric Lobser, VP, Regulatory & Governmental Affairs

Spire Missouri Inc. d/b/a/ Spire

LARGE VOLUME SERVICE LV

OTHER TERMS AND CONDITIONS

1. The transporting customer shall, at all times, cause gas to be delivered to a delivery location (an interconnection point between the delivering upstream pipeline system and the Company's local distribution system over which the gas is being delivered to the customer's facilities where it is to be ultimately consumed) which is acceptable to the Company. All gas delivered to the Company, at any time, for transportation to the customer's end use location must be delivered to the delivery location from which the Company is physically able to receive the gas and ultimately redeliver such volume to the customer's facilities.

The Company will not accept gas from an existing transportation customer, or accept a new local distribution system transportation customer, where such customer causes gas to be delivered to a delivery location which could jeopardize, at any time, delivery of gas purchased by the Company for resale to its firm customers.

The Company shall retain all records associated with its decision to deny a customer transportation service and/or to deny service at any specific delivery location. The Company will provide an explanation of its decision and supporting documentation to the customer upon request. The Company will also provide pertinent records to the staff of the Missouri Public Service Commission and the Office of Public Counsel upon request, subject to claims of privilege.

- 2. Service hereunder is further subject to the following terms and conditions as approved by the Missouri Public Service Commission:
 - A. General Terms and Conditions (GTC).
 - B. Transportation Provisions (TRPR).
 - C. Electronic Gas Measurement Equipment (EGM).
 - D. Infrastructure System Replacement Surcharge (ISRS).

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Spire Missouri Inc. d/b/a/ Spire

LARGE VOLUME SERVICE LV

STATE OF MISSOURI SALES TAX APPLICABILITY

Sales to customers who purchase natural gas service for domestic use under this tariff shall be classified by the company as "residential" sales exempt from state sales tax.

Domestic use shall be defined as all natural gas service which is ultimately consumed at a single or multiple family dwelling for space heating, water heating, cooking, air conditioning and other household uses, and shall include, but not be limited to, natural gas service through a single or master meter for residential apartments or condominiums, including service for common areas and facilities and vacant units.

This tariff is intended to satisfy the provisions of section 144.030.2(24), RSMO, by establishing a classification system permitting the sales and purchases of natural gas for domestic use under this tariff to be classified as "residential" and exempt from state sales tax.

Taxes other than state sales taxes may still be applicable.

DATE OF ISSUE: March 20, 2018 DATE EFFECTIVE: April 19, 2018

ISSUED BY: C. Eric Lobser, VP, Regulatory & Governmental Affairs

Spire Missouri Inc. d/b/a/ Spire

UNMETERED GASLIGHT SERVICE UG

AVAILABLE

At points on the Company's existing distribution facilities located in the communities specified in the Index.

APPLICABLE

To natural gas service supplied at one point of delivery to customers operating one or more outdoor gaslights where, the connection through which gas is supplied is at a distribution main or the customer's service line at a point ahead of the metering of other gas requirements.

As of May 1, 1990, no new or expanded service shall be provided under this schedule.

NET MONTHLY BILL

Rate

\$ 4.41 per gaslight unit.

For the purpose of this rate, a gaslight unit shall consist of a standard single mantle, or a pair of smaller mantles, and is assumed to require 15 Ccf of natural gas per month.

Adjustments and Surcharges

The rates hereunder are subject to adjustments as provided in the following schedules:

- 1. Purchased Gas Cost Adjustment (PGA).
- 2. Tax Adjustment (TA).

DATE OF ISSUE: March 20, 2018 DATE EFFECTIVE: April 19, 2018

ISSUED BY: C. Eric Lobser, VP, Regulatory & Governmental Affairs

For: Spire Missouri West

$\frac{\text{UNMETERED GASLIGHT SERVICE}}{\text{UG}}$

Delayed Payment Charge

1.5% will be added to the current 30-day past due balance on all bills not paid within 21 days after rendition, unless otherwise required by law or other regulation.

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.

DATE OF ISSUE: March 20, 2018 DATE EFFECTIVE: April 19, 2018

ISSUED BY: C. Eric Lobser, VP, Regulatory & Governmental Affairs

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INTRASTATE TRANSPORTATION SERVICE ITS

AVAILABLE:

At points on the Company's existing gas distribution system. However, service under this schedule ITS shall be limited only to those customers who have executed a transportation contract prior to October 15, 1993.

APPLICABLE:

To natural gas transportation service supplied at one point of delivery for resale outside of the Company's certificated area to municipal gas systems.

Upon election by the customer and acceptance by the Company, customer will furnish Company all supply contracts verifying the adequacy of all customer peak day and annual Ccf volume requirements. The customer also agrees to utilize firm transportation service for delivery of gas quantities to the Company.

NET MONTHLY BILL:

Rate:

Fixed Monthly Charge:

\$1095.27 per month

Volumetric Delivery Charge:

The charges to be billed for this service shall be agreed to in advance by the Company and the customer and shall be set forth in a separate contract approved by this Commission.

DATE OF ISSUE: March 20, 2018 DATE EFFECTIVE: April 19, 2018

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INTRASTATE TRANSPORTATION SERVICE ITS

DELIVERY POINTS:

The customer will provide for the delivery of volumes of natural gas to be transported to a mutually agreeable location on the Company's system which serves the customer's premises, and the Company will deliver such thermally equivalent volumes of gas, less any retainages, to the outlet side of the Company's meters at customer's premises. The gas retained by the Company shall be 2% 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. Gas transported hereunder will be delivered to the Company in the state in which it will ultimately be consumed.

NOMINATIONS:

Prior to the commencement of deliveries of gas hereunder, the customer shall notify the Company of its daily nomination of volumes to be transported. Thereafter, at least five working days prior to the beginning of each month, the customer shall notify the Company in writing of its daily nomination of volumes to be transported in the subsequent month. Should the customer's daily requirement for transportation volumes change, the customer shall notify the Company of its new nomination level 24 hours prior to making any such change.

DEFINITION OF GAS DAY:

The Company's gas day is defined as the 24 hour period beginning at 7:00 A.M. Daily gas deliveries to customers served under the Intrastate Transportation Service rate tariff will be determined using the gas day time frame.

DATE OF ISSUE: March 20, 2018 DATE EFFECTIVE: April 19, 2018

ISSUED BY: C. Eric Lobser, VP, Regulatory & Governmental Affairs

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INTRASTATE TRANSPORTATION SERVICE ITS

QUALITY AND PRESSURE OF GAS DELIVERED FOR TRANSPORTATION:

- 1. The gas delivered by a producer, supplier or pipeline to the Company for transportation to the customer shall at all times be merchantable gas of a quality otherwise required for the system of the Company to which the gas is being delivered. Such gas shall be free from any foreign materials such as dirt, dust, gums, iron particles, water, entrained liquids, and other impurities which might render it unmerchantable or interfere with the proper operation of pipelines, meters, regulators or other facilities through which it flows or is used. Additionally, it shall conform to the following specifications:
 - A. The gas shall not contain more than one (1) grain of hydrogen sulfide per one hundred (100) cubic feet nor more than twenty (20) grains of total sulfur per hundred (100) cubic feet;
 - B. The temperature of the gas shall not exceed 70 degrees Fahrenheit;
 - C. The gas shall not contain more than seven (7) pounds of water vapor per 10,000 Ccf;
 - D The gas shall not contain more than two percent (2%) by volume carbon dioxide nor more than one percent (1%) by volume oxygen;
 - E. The delivery pressure shall be sufficient to permit entry of the gas into the distribution system of the Company; and
 - F. The BTU content of the customer's gas as may be received by the Company from an existing supply source connected to the Company shall be no less than that normally provided or currently flowing from such source nor shall it be less than as provided for in an existing Company system supply contract from such source.

DATE OF ISSUE: March 20, 2018 DATE EFFECTIVE: April 19, 2018

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INTRASTATE TRANSPORTATION SERVICE ITS

QUALITY AND PRESSURE OF GAS DELIVERED FOR TRANSPORTATION: (continued)

- 2. The Company shall have the right to refuse to accept for transportation any gas not meeting its requirements for gas quality herein described.
- 3. If the customer contracts for the purchase of gas from a producer or pipeline who is not currently delivering gas to the Company and such gas is to be delivered directly into Company facilities, the customer will bear all expense connected with the determination of the quality of gas being delivered. However, the Company's obligation to transport such gas is also contingent upon the execution of an agreement between the Company and such producer or pipeline which the Company shall not unreasonably withhold setting forth the terms of interconnection, quality standards, and the respective rights of the Company and such producer or pipeline in connection with deliveries of such gas.
- 4. Acceptance by the Company of any gas not meeting the applicable quality requirements shall not obligate the Company to continue such receipts, nor shall it remove the customer's obligation to deliver gas meeting the specifications set forth in this schedule.

DATE OF ISSUE: March 20, 2018 DATE EFFECTIVE: April 19, 2018

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INTRASTATE TRANSPORTATION SERVICE ITS

QUALITY AND PRESSURE OF GAS DELIVERED FOR TRANSPORTATION: (continued)

- 5. The heat content of the gas delivered to the customer by the Company shall be the heat content available in its system at the particular point of delivery at the time of delivery. It is recognized that the heat content at the various delivery points will vary from point to point and from time to time and nothing herein contained shall be construed as obligating the Company to alter the usual operation of its facilities to achieve deliveries of a prescribed heating value at any point or points.
- 6. Delivery pressures to customers shall be mutually agreed upon from time to time and shall take into account system capacity, customer requirements, and other pertinent factors.

THERMAL BALANCING:

All volumes of natural gas transported hereunder shall be thermally balanced with respect to the gas tendered for transportation to the Company and the gas delivered to the customer.

1. Each billing period, the Company will estimate the heat content, in MMBTU, of the gas tendered for transportation as follows:

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INTRASTATE TRANSPORTATION SERVICE ITS

THERMAL BALANCING: (continued)

- A. For transportation gas received into one of the Company's distribution systems, the heat content of the gas tendered shall be the average heat content stated in BTU per cubic foot of all gas received from such source into the distribution system serving the customer for the billing period multiplied by the volumes of gas received. In determining the BTU content of all such gas, the Company may, at its option, rely on its own measurement records or on the BTU measurements as reported by the third party gas supply source. If there is no BTU measurement available, or if the method of determining the heat content is unacceptable to the customer, then the customer will be required to compensate the Company for all costs incurred in determining the heat content of the gas tendered for transportation.
- B. If additional BTU measurement is required to determine the heat content of gas tendered for transportation hereunder, the Company shall determine the type and location of such measurement equipment and cause the same to be installed at the customer's sole expense. For measurement devices requiring periodic or continuous sampling of the gas, the customer shall pay the Company a monthly charge reasonably calculated to reimburse the Company for its operating expenses related to such sampling as well as other expenses incurred to measure and account for the BTU content of the gas.

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INTRASTATE TRANSPORTATION SERVICE ITS

- 2. The heat content of the natural gas delivered to the customer hereunder shall be estimated for each billing period as follows:
 - A. For a distribution system which the Company currently measures or is able to otherwise determine the average heat content of natural gas stated in BTU per cubic foot, such average heat content shall be assigned to the transportation gas delivered to the customer for the period. The product of the average heat content and the volumes of gas delivered shall constitute the MMBTU's of the gas delivered to the customer. If this method of determining the heat content is unacceptable to the customer, then the customer will be required to compensate the Company for all costs incurred in determining the heat content of the gas delivered to the customer.
 - B. If additional BTU measurement is required by the Company or the customer, the Company shall determine the type and location of such measurement equipment and cause the same to be installed at the customer's sole expense. For customers requesting the installation of BTU measurement equipment hereunder, thermal balancing shall be performed on the basis of such measurement for a minimum period of twelve consecutive months following such installation.

DATE OF ISSUE: March 20, 2018 DATE EFFECTIVE: April 19, 2018

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INTRASTATE TRANSPORTATION SERVICE ITS

In all cases where BTU measurement devices requiring periodic or continuous sampling of the gas are to be installed, the customer shall pay the Company a monthly charge reasonably calculated to reimburse the Company for its operating expenses related to such sampling as well as other expenses incurred to measure and account for the heat content of the gas.

RESPONSIBILITY FOR TRANSPORTED GAS:

- 1. By accepting natural gas transported hereunder, the customer warrants the gas delivered to the Company for transport shall be free from all adverse claims, liens and encumbrances and shall indemnify and save the Company harmless from and against all suits, actions, causes of action, claims and demands, including attorneys' fees and costs, arising from or out of any adverse claims by third parties claiming ownership of or an interest in said gas, caused by the failure to provide clear title to the gas.
- 2. The Company shall not be responsible in any way as to any damages or claims relating to the customer's gas or the facilities of the customer or others containing such gas prior to delivery into the facilities of the Company or after redelivery to the customer.
- 3. By accepting natural gas transported hereunder, it is understood and agreed by the customer that ownership of transported volumes will at all times remain vested in the customer.

DATE OF ISSUE: March 20, 2018 DATE EFFECTIVE: April 19, 2018

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INTRASTATE TRANSPORTATION SERVICE ITS

STANDBY CHARGE:

If the Company's supplier implements a rate design that includes a demand billing charge, a standby charge consisting of the wholesale transportation rate times the customer peak demand will be charged.

EMERGENCY GAS SALES:

If a customer receiving service under this rate schedule fails to deliver to the Company sufficient transportation volumes to meet the customer's natural gas requirements, the Company will furnish the customer emergency sales gas. The charge for emergency sales service will be the highest cost of gas purchased during that day by the Company, including penalties if applicable, plus \$1.50 per Ccf.

All revenue received from emergency sales service that exceed the amounts the Company was charged from its suppliers shall be considered as revenue recovery in the computation of the annual ACA factor.

MINIMUM:

The higher of the above rate for zero consumption plus applicable adjustments and surcharge, or the minimum as set forth by contract.

ADJUSTMENTS AND SURCHARGES:

The rates hereunder are subject to adjustments as provided in the following schedules, when applicable:

- 1. Purchased Gas Cost Adjustment (PGA).
- 2. Tax Adjustment Schedule (TA).
- 3. Electronic Gas Measurement Equipment (EGM)
- 4. Infrastructure System Replacement Surcharge (ISRS).

DATE OF ISSUE: March 20, 2018 DATE EFFECTIVE: April 19, 2018

ISSUED BY: C. Eric Lobser, VP, Regulatory & Governmental Affairs

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INTRASTATE TRANSPORTATION SERVICE ITS

DELAYED PAYMENT CHARGE:

1.5% will be added to the current 30-day past due balance on all bills not paid within 15 days after rendition, unless otherwise required by law or other regulation.

OTHER TERMS AND CONDITIONS:

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

DATE OF ISSUE: March 20, 2018 DATE EFFECTIVE: April 19, 2018

ISSUED BY: C. Eric Lobser, VP, Regulatory & Governmental Affairs

For: Spire Missouri West

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DATE OF ISSUE: March 20, 2018 DATE EFFECTIVE: April 19, 2018

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

For: Spire Missouri West

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DATE OF ISSUE: March 20, 2018 DATE EFFECTIVE: April 19, 2018

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

For: Spire Missouri West

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DATE OF ISSUE: March 20, 2018 DATE EFFECTIVE: April 19, 2018

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

For: Spire Missouri West

PURCHASED GAS COST ADJUSTMENT PGA

I. APPLICABILITY

The Purchased Gas Cost Adjustment (PGA) applies to all sales and transportation services provided under all natural gas rate schedules and contracts, including sales to transportation customers. Any increase or decrease in any PGA factor, including the Actual Cost Adjustment (ACA) factor, resulting from the application of this tariff, shall be applied pro rata to customers' bills for service rendered on and after the effective date of the change. Bills which contain multiple PGA rate changes, including the ACA component of such rate changes, during a customer's billing period shall be prorated between the old and new rates in proportion to the number of days in the customer's billing period that such rates were in effect.

A. Contents of PGA

The purchased gas cost adjustment price shall be the sum of the following items:

Current Cost of Gas (CCG) - A per Ccf factor to reflect the current estimate of the annualized cost of various natural gas services purchased by the Company, including but not limited to firm and interruptible gas supply, gathering, processing and treating services, firm and interruptible transportation service, storage services, gas price volatility mitigation instruments, including but not limited to financial instruments and any service which bundles or aggregates these various services. Such factor shall also reflect any "PGA Filing Adjustment Factor" (FAF) as defined in this Section.

Actual Cost Adjustment (ACA) - A per Ccf factor to reflect the annual reconciliation of actual purchased gas and pipeline service costs with the actual recovery of such costs through the application of this Purchased Gas Adjustment Clause. Revised ACA factors shall be filed with the PGA Filing to be effective in November of each year.

Refund - A per Ccf factor to reflect refunds received by the Company in connection with purchased gas and/or pipeline services.

DATE OF ISSUE: March 20, 2018 DATE EFFECTIVE: April 19, 2018

ISSUED BY: C. Eric Lobser, VP, Regulatory & Governmental Affairs

For: Spire Missouri West

PURCHASED GAS COST ADJUSTMENT PGA

I. APPLICABILITY (continued)

A. Contents of PGA (continued)

Take Or Pay (TOP) - A per Ccf factor to recover Federal Energy Regulatory Commission (FERC) authorized fixed Take-or-Pay (TOP) costs as described in Section V of this clause.

Transition Cost (TC) - A per Ccf factor to recover Federal Energy Regulatory Commission (FERC) authorized fixed Transition cost (TC) as described in Section VI of this clause.

PGA Filing Adjustment Factor (FAF) - In addition, 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 Ccf 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.

Customers electing to take transportation service may contract for the availability of taking system supply gas, referred herein to as "Contract Demand" and described in Section VII of this Schedule.

B. Revision of the PGA rate

The Company shall be allowed to make up to four (4) PGA filings during each calendar year. One such filing will be effective in November of each year, but no more than one PGA filing shall become effective in any two consecutive calendar months unless specifically ordered by the Commission. Such PGA filings shall be made at least ten (10) business days prior to their effective dates.

All PGA filings shall be accompanied by detailed work-papers supporting the filing in an electronic format. Sufficient detail shall be provided so the level of hedging that is used to develop the gas supply commodity charge for the PGA factor can be determined.

DATE OF ISSUE: March 20, 2018 DATE EFFECTIVE: April 19, 2018

ISSUED BY: C. Eric Lobser, VP, Regulatory & Governmental Affairs

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PURCHASED GAS COST ADJUSTMENT PGA

II. CALCULATION OF THE CURRENT COST OF GAS (CCG)

For the purpose of the computations herein, "commodity-related" shall mean gas costs relating to gas supply commodity charges, variable transportation charges, storage withdrawals, gas purchased under fixed price contracts, other FERC-authorized variable charges excluding any amounts for FERC authorized Take-or-Pay (TOP) or Transition Cost (TC) charges, and the Company's cost of gas price volatility mitigation instruments, including but not limited to 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.

"Demand related" shall mean fixed (non-volumetric) costs relating to gas supply demand charges, charges for performance or surety bonds or letters of credit as required in gas supply contracts, fixed transportation charges, fixed storage charges and other FERC-authorized fixed charges excluding any amounts for FERC authorized Take-or-Pay (TOP) or Transition Cost (TC) charges; provided, however, that charges for performance or surety bonds or letters of credit that have been required by commodity suppliers as a result of the Transaction in Case No. GM-2011-0412 shall not be included in rates paid by Spire West customers.

A per unit ϕ /Ccf shall be determined by dividing the sum of "Commodity Related" costs and "Demand Related" costs by estimated annual sales as set forth in Section VIII of this schedule.

III. CALCULATION OF THE ACTUAL COST ADJUSTMENT (ACA)

The Company shall establish and maintain a Deferred Purchased Gas Cost - Actual Cost Adjustment Account (ACA) which shall be credited with any over-recovery resulting from the operation of the Company's PGA procedure or debited for any under-recovery resulting from same. Such over- or under-recovery shall be determined by a monthly comparison of the actual total cost of gas and the cost recovery for the same month.

The "cost of gas" for a particular month will be calculated by using the as billed cost of gas shown on the books and records of the Company, but exclusive of refunds and fixed TOP charges and TC charges.

The "cost recovery" for a particular month shall be determined by calculating the product of the volumes billed during the month and the sum of that month's regular Purchased Gas Cost as adjusted by the FAF and the prior year "Actual Cost Adjustment" (ACA), as hereinafter defined. To this total, shall be added the demand related purchased gas costs billed directly to customers. The fixed TOP recovery factor, the fixed TC recovery factor and the refund factor shall be excluded from this calculation.

DATE OF ISSUE: March 20, 2018 DATE EFFECTIVE: April 19, 2018

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PURCHASED GAS COST ADJUSTMENT PGA

III. CALCULATION OF THE ACTUAL COST ADJUSTMENT (ACA) (continued)

The Deferred Purchased Gas Cost Account shall be adjusted for those revenues received by the Company for the release of pipeline transmission capacity to another party other than those revenues which are retained by the Company as described in Section IX of this schedule.

For each month during the ACA period and for each month thereafter interest, at a simple rate equal to the prime bank lending rate (as published in the Wall Street Journal on the first business day of the following month), minus two (2) percentage points (but not less than zero) shall be credited to customers for any over-recovery of gas costs or credited to the Company for any under-recovery of gas costs. Interest shall be computed based upon the average of the accumulated beginning and ending monthly ACA account balances. The Company shall maintain detailed work-papers that provide the interest calculation on a monthly basis.

For each twelve month billing period ended September 30, the differences of the cost of gas and the cost recovery comparisons as described herein, including any balance for the previous year shall be accumulated to produce a cumulative balance of over-recovered or under-recovered costs. An "Actual Cost Adjustment" (ACA) shall be computed by dividing the cumulative balance of under-recoveries or over-recoveries by the annual sales volumes set out in Section VIII of this Schedule.

This adjustment shall be rounded to the nearest \$0.00001 per Ccf and applied to the billings of each applicable sales and transportation rate classification, commencing in November of each year, and shall remain in effect until superseded by subsequent ACA factors calculated according to this provision. The Company shall file any revised ACA on Sheet No. 11.13 in the same manner as all other Purchased Gas Cost Adjustments.

For the 2017-2018 ACA filing only, the ACA period will be for the 15 months ending September 30, 2018.

DATE OF ISSUE: March 20, 2018 DATE EFFECTIVE: April 19, 2018

ISSUED BY: C. Eric Lobser, VP, Regulatory & Governmental Affairs

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PURCHASED GAS COST ADJUSTMENT PGA

IV. REFUND PROVISIONS

Residential, Small General, Large General and Unmetered Gaslight Customers:

For the purpose hereof, unless the Missouri Public Service Commission shall otherwise order, refunds which the Company receives in connection with natural gas services purchased, together with any interest included in such refunds, will be refunded to the Company's applicable Residential, Small General, Large General and Unmetered Gaslight customers. Such refunds shall be credited to the ACA account in the month received and shall be a part of the overall ACA interest calculation.

All refund balances from prior periods and any outstanding refunds will be rolled into the August 2004 monthly ACA balance.

Large Volume Customers and Intrastate Transportation Service:

Unless otherwise ordered by the Commission, supplier refunds (including interest from suppliers), received by the Company from charges paid for natural gas resold to its Large Volume customers and Intrastate Transportation Service, shall be refunded to each customer classification respectively when such accumulated refunds equal or exceed \$75,000. Such refund shall be made within 90 days following receipt. The total amount to be refunded shall be divided by Ccf sales to each customer classification during the refund period.

The result shall then be multiplied by the Ccf sales made to each customer during such period and the amount so computed shall be refunded by a single payment to each customer by check or credit on the customer's account. If a portion of the amount to be refunded is attributable to demand charges that were directly assigned to specific customers, such amount shall be refunded to the customers based on their demands during the refund period.

The Company shall deduct the amount of any delinquent bill or bad debt before making payment to the customer.

Any refunds remaining unclaimed shall be retained until such time as a subsequent refund is received from the Company's suppliers and shall be added to such refund before distribution to customers.

DATE OF ISSUE: March 20, 2018 DATE EFFECTIVE: April 19, 2018

ISSUED BY: C. Eric Lobser, VP, Regulatory & Governmental Affairs

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PURCHASED GAS COST ADJUSTMENT PGA

IV. REFUND PROVISIONS (continued)

In the event any refund received from the Company's suppliers is less than \$75,000 for the customer class, said refund shall be credited to the refund account and the Commission shall be advised of the receipt of such refund.

The Company shall not be required to refund to Large Volume customers and Intrastate Transportation Service when the credit balance in the refund account is less than \$75,000.

DATE OF ISSUE: March 20, 2018 DATE EFFECTIVE: April 19, 2018

ISSUED BY: C. Eric Lobser, VP, Regulatory & Governmental Affairs

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PURCHASED GAS COST ADJUSTMENT PGA

V. TAKE OR PAY RECOVERY FACTOR

Federal Energy Regulatory Commission (FERC) authorized fixed Take-or-Pay (TOP) costs shall be recovered from all classes of customers equally on a volumetric basis by the application of the TOP Cost Recovery Factor to all Ccf billed for both natural gas sales and transportation volumes under rate schedules on file with the Missouri Public Service Commission.

The TOP Cost Recovery Factor will be computed by dividing the annualized TOP costs by the estimated volumes of the total sales and transportation Ccf for the twelve-month period beginning with the effective date of the TOP Cost Recovery Factor. Annualized TOP costs shall be the fixed TOP costs, including interest, the Company has paid or reasonably expects to pay, in a twelve-month period as a result of the application of FERC approved tariffs relating to the recovery of TOP and contract reformation costs by the Company's natural gas suppliers, plus any over or under-recovery of such costs from the previous period as discussed below.

The TOP Cost Recovery Factor shall be reviewed concurrently with the Annual Cost Adjustment Factor. This adjustment shall be rounded to the nearest \$0.00001 per Ccf and applied to the following Winter PGA and subsequent Summer PGA, except for a transitional period during which the TOP adjustment for the July 1996 through June 1997 ACA year will apply to the PGA effective with the first billing cycle in the billing month of September, 1997 and ending when the Winter 1998 PGA becomes effective.

The TOP account balance will be the net balance of all revenue recovered from the application of the TOP recovery factor using the monthly actual billed sales by cycle for customers and each unit transported for transportation service customers and all fixed FERC-authorized TOP charges paid to its suppliers in the above 12 month period.

This account will be audited simultaneously with the Company's Deferred Purchased Gas Cost Accounts (Section III of this PGA Clause). The period for recovering TOP costs shall generally mirror the recovery period ordered in each applicable FERC proceeding. The Company will keep such records so as to allow for an accurate accounting of such costs actually paid to suppliers and recovery actually received from customers.

DATE OF ISSUE: March 20, 2018 DATE EFFECTIVE: April 19, 2018

ISSUED BY: C. Eric Lobser, VP, Regulatory & Governmental Affairs

Spire Missouri Inc. d/b/a/ Spire

PURCHASED GAS COST ADJUSTMENT PGA

VI. TRANSITION COST RECOVERY FACTOR

Federal Energy Regulatory Commission (FERC) authorized direct billed (fixed) Transition Cost (TC) costs shall be recovered on a volumetric basis from customers receiving sales and transportation service under the Company's rate schedules on file with the Missouri Public Service Commission by the application of the following TC recovery factors.

TCs are those costs resulting from the implementation of Order No. 636, including Account 191 balances and gas supply realignment costs which are direct billed to the Company by its natural gas transporters.

The direct billed TC costs to be used in the factors computation shall be those the Company has paid or reasonably expects to pay, in a twelve-month period, plus any over or under-recovery of such costs from the previous recovery period as discussed below. The costs to be used in the computation shall include FERC authorized interest which is direct billed by the transporter to the Company and carrying costs on unrecovered transition costs.

"TC Factor 1" costs are those which relate solely to the most recent annual pipeline PGA period. This factor shall be charged to all sales customers only. The "TC Factor 1" will be computed by dividing these "TC Factor 1" costs by an estimate of the annual total sales volumes expected to be billed for the subsequent year.

"TC Factor 2" costs are all other direct billed Order No. 636 costs not included as "TC Factor 1" costs. The "TC Factor 2" shall be charged to both sales customers and transportation customers. This factor shall be computed by dividing the sum of the annualized "TC Factor 2" costs by an estimate of the annual volume of total sales plus total transportation expected to be billed for the subsequent year.

The "TC Factor 2" costs to be included in the computation of the billing factor shall include some Account 191 TCs (i.e. Williams Natural Gas Company's deferred storage costs and transportation and exchange imbalances) and any direct billed gas supply realignment costs.

DATE OF ISSUE: March 20, 2018 DATE EFFECTIVE: April 19, 2018

ISSUED BY: C. Eric Lobser, VP, Regulatory & Governmental Affairs

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PURCHASED GAS COST ADJUSTMENT PGA

VI. TRANSITION COST RECOVERY FACTOR (continued)

The above mentioned TC factors shall include, in their factor computations, all amounts of previously paid TC costs refunded to the Company by the transporter.

The "TC Factors 1 and 2" shall be reviewed concurrently with the Annual Cost Adjustment Factor. The "TC Factors 1 and 2" shall be rounded to the nearest \$0.00001 per Ccf and applied to the following Winter PGA and subsequent Summer PGA if the annual impact of the adjustment is anticipated to exceed \$500,000.

The TC account balances will reflect the net of all revenue recovered from the billing of the TC recovery factors to sales and transportation customers and the actual direct billed FERC-authorized TC charges paid by the Company to its transporters for the preceding twelve-month period as defined above.

Annually, the actually incurred TCs will be compared to the TCs billed revenue recovery for the same time period that the PGA's Actual Cost Adjustment (ACA) factor is calculated. The resulting under- or over-recovery, resulting from actual TC cost variations from estimated TC costs or from a determination by Missouri Public Service Commission that certain TC costs should have been billed to a different factor than the one used by the Company, will be divided by the throughput for the ACA period to develop a TC reconciliation factor. This factor will then be incorporated as part of the current TC recovery rates shown on the Adjustment statement. It is the intent of this provision to charge all customers their respective TC rates and to have revenue recovery generated be reconciled to actual TC costs paid during a twelve month period. The total estimated annualized sales and transportation volumes, applicable to each factor, will be used for their computation. The above factors will be adjusted to include any such under-or over-recovery.

DATE OF ISSUE: March 20, 2018 DATE EFFECTIVE: April 19, 2018

ISSUED BY: C. Eric Lobser, VP, Regulatory & Governmental Affairs

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PURCHASED GAS COST ADJUSTMENT PGA

VI. TRANSITION COST RECOVERY FACTOR (continued)

The rates to be on the PGA Adjustment Statement and billed customers shall consist of:

For all sales customers:

The sum of "TC Factor 1" plus "TC Factor 2" plus any TC reconciliation factors,

For all transportation customers;

The sum of "TC Factor 2" plus any TC reconciliation factor.

The TC recovery factor shall remain in effect until superseded by a subsequent TC recovery factor calculated according to this provision. The Company shall file any revised TC recovery factor on Sheet No. 11.13 in the same manner as all other Purchased Gas Cost Adjustments.

DATE OF ISSUE: March 20, 2018 DATE EFFECTIVE: April 19, 2018

ISSUED BY: C. Eric Lobser, VP, Regulatory & Governmental Affairs

Spire Missouri Inc. d/b/a/ Spire

PURCHASED GAS COST ADJUSTMENT PGA

VII. DEMAND RELATED COST RECOVERY

Customers electing transportation service under rate schedules LV and ITS shall be billed as a component of total purchased gas costs, when receiving contract demand or authorized overrun service, demand charges estimated to be sufficient to reimburse the Company for demand related transportation costs incurred to serve such customers as those costs may vary from time to time, as set out on Sheet No. 11.13.. Such charges, as specified in the Southern Star Central's Federal Energy Regulatory Commission (FERC) tariffs for rate schedules TSS and FTS or such replacement charges as may be found appropriate by the FERC, are calculated as an average demand cost based on contracted billing determinants which are submitted to the Missouri Public Service Commission as a part of the annual PGA filling. Such demand rates shall be collected from customers in accordance with the Company's applicable rate schedules. Revenues from this provision will be credited through the ACA

DATE OF ISSUE: March 20, 2018 DATE EFFECTIVE: April 19, 2018

ISSUED BY: C. Eric Lobser, VP, Regulatory & Governmental Affairs

For: Spire Missouri West

PURCHASED GAS COST ADJUSTMENT **PGA**

VIII PGA COMPUTATION VOLUMES*	
Purchase Volumes (P):	516,775,392 Ccfs
Sales Volumes (V):	482,737,566 Ccfs

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

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

Spire Missouri Inc. d/b/a/ Spire

PURCHASED GAS COST ADJUSTMENT PGA

IX. GAS COST INCENTIVE MECHANISM

The Company and its Firm Sales customers shall share the Off-System Sales margins and Capacity Release Revenues realized by the Company. Firm Sales customers shall retain 75% of the annual off-system sales margins and capacity release revenues and the Company shall retain 25% of such margins. The Company will record in an Incentive Revenue ("IR") Account that portion of revenue retained by the Company according to the sharing percentages.

DATE OF ISSUE: March 20, 2018 DATE EFFECTIVE: April 19, 2018

ISSUED BY: C. Eric Lobser, VP, Regulatory & Governmental Affairs

For: Spire Missouri West

PURCHASED GAS COST ADJUSTMENT PGA

X. SUMMARY STATEMENT

Customer <u>Class</u>	<u>C.C.G.</u>	A.C.A	<u>T.O.P.</u>	<u>T.C.</u>	P.G.A. <u>Rate</u>
Residential	\$0.48034	\$0.03943	\$0.00000	\$0.00000	\$0.51977
Small General Service	\$0.48034	\$0.03943	\$0.00000	\$0.00000	\$0.51977
Large General Service	\$0.48034	\$0.03943	\$0.00000	\$0.00000	\$0.51977
Unmetered Gas Light (1)	\$0.48034	\$0.03943	\$0.00000	\$0.00000	\$0.51977
Large Volume Sales (3)	\$0.48034	\$0.03943	\$0.00000	\$0.00000	\$0.51977
Large Volume Trans. (2)(4)					\$0.00000

- 1 Each Unmetered Gaslight Unit is equal to 15 Ccf.
- Demand related purchase gas costs of \$0.86788 per Ccf of contract demand and \$0.02853 per Ccf of daily demand for authorized sales in excess of the contract demand are directly chargeable to customers on this rate.
- 3 Applies to Sales Service only.
- 4 Firm transportation charges to be included in the monthly cash out reconciliation. Applies to Transportation Service and Intrastate Transportation Service

DATE OF ISSUE: March 20, 2018 DATE EFFECTIVE: April 19, 2018

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INFRASTRUCTURE SYSTEM REPLACEMENT SURCHARGE ISRS

Description: Rate ISRS is designed to recover the costs associated with the Company's eligible infrastructure replacements in accordance with the provisions of sections 393.1009, 393.1012 and 393.1015, RSMo.

Applicability: Rate ISRS is applicable to each customer billing for service during the effectiveness of the ISRS rate element.

ISRS Rate Element: In addition to the other charges provided for in the Company's tariff, a monthly ISRS Rate Element shall be added to each bill for service on and after the effective date of the ISRS rate. The amount of the ISRS Rate Element, by customer class, is as follows:

Residential	\$0.00 per month	*
Small General Service	\$0.00 per month	*
Large General Service	\$0.00 per month	*
Large Volume Service	\$0.00 per month	*
Intrastate Transportation Service	\$0.00 per month	*

^{* -} indicates new rate

DATE OF ISSUE: March 20, 2018 DATE EFFECTIVE: April 19, 2018

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WEATHER NORMALIZATION ADJUSTMENT RIDER WNAR

APPLICABILITY

The Weather Normalization Adjustment ("WNA") Rider is applicable to each ccf of gas delivered under the terms of the residential rate schedule throughout the entire service area of Spire West 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 Kansas City International Airport Weather

Station

 C_{ii} = the total number of customer charges charged in billing cycle j and billing month i

β = the coefficient of 0.1291586 for Spire West

1. Monthly WNA_i = WNA_i × Weighted Residential Volumetric Rate ("WRVR")_i

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 \$0.15637. 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
\$ 0.14290	\$ 0.14139	\$ 0.14104	\$ 0.14099	\$ 0.14107	\$ 0.14121

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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 $_i$ for the billing months in the applicable six month period divided by the annual volumetric billing determinates 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 ccf on upward adjustments for the WNA and no limit on downward adjustment. Any WNA adjustments amounts in excess of \$0.05 per ccf 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.

DATE OF ISSUE: March 20, 2018 DATE EFFECTIVE: April 19, 2018

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WEATHER NORMALIZATION ADJUSTMENT RIDER **WNAR**

RATE:

CSWNA Table:

	Rate First		Rate Ending	CSWNA	
Period	Effective	Months	Effective	(Semiannual)	
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 Effective Date of		3/31/2019	0.0000	
2017 S2	this Sheet		9/30/2018	0.0000	
SRR Table:					
	Rate First		Rate Ending	SRR	
Period	Effective	Months	Effective	(Semiannual)	
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:					
	Rate First		Rate Ending	Monthly WNA	
Period	Effective	Months	Effective	Rider Rate	
	Effective Date				
2018 S1	of this Sheet		9/30/2018	0.0000	

DATE OF ISSUE: March 20, 2018 DATE EFFECTIVE: April 19, 2018

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

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TAX ADJUSTMENT TA

GENERAL REGULATIONS

When any governing body of a taxing political subdivision imposes a franchise, occupation, business, sales, license, excise, privilege or similar charge which is based on consumption, or on gross receipts, net receipts, or revenue from the provision of gas service, or on a per customer basis, such charges shall be recovered from customers located within the boundaries of such taxing subdivision.

METHOD OF BILLING

- A. Where such charge is levied on the basis of a percentage of gross receipts, a uniform percentage designed to produce that percentage on a net basis to the taxing body will be applied to each customer's bill so affected, and the amount so computed will be added as a separate item to such customer's bill.
- B. Where such charge is levied on a basis other than a percentage of gross receipts, there shall be added to each customer's bill so affected that proportionate part of such total charge imposed by the taxing subdivision in conformity with the basis of such total charge. The pro rata charge applicable to each customer so affected will be added as a separate item on the customer's bill.

DATE OF ISSUE: March 20, 2018 DATE EFFECTIVE: April 19, 2018

ISSUED BY: C. Eric Lobser, VP, Regulatory & Governmental Affairs

EXPERIMENTAL SCHOOL TRANSPORTATION PROGRAM STP

For: Spire Missouri West

This program is established pursuant to section 393.310 RSMo.

AVAILABLE

Available to any seven-director, urban or metropolitan school district as defined pursuant to section 160.011, RSMo. Also available to any school for elementary or secondary education whether a charter, private or parochial school or school district. Such eligible school entities ("ESEs") purchasing gas on an aggregated basis through a not-for-profit school association ("Association") may enroll in this transportation program as provided hereinafter.

NET MONTHLY BILL

The bill for each billing period shall be the sum of the Customer Charge, the Delivery Charge, the Aggregation Fee, the Balancing Fee (if applicable), and the EGM Charge (if applicable). Service hereunder is subject to the Tax Adjustment (TA) schedule and other provisions as hereinafter described.

Customer Charge and Delivery Charge

The Customer Charge and the Delivery Charge shall be those applicable based upon the class of service under which the ESE took service immediately prior to enrolling in the STP; provided that changes in usage volumes while enrolled in the STP shall result in a change in class of service (and rates) as provided in the applicable rate schedules of this tariff.

In the event that a billing cycle has usage in more than one calendar month, the Delivery Charge will be prorated.

DATE OF ISSUE: March 20, 2018 DATE EFFECTIVE: April 19, 2018

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EXPERIMENTAL SCHOOL TRANSPORTATION PROGRAM STP

Aggregation Fee

An ESE enrolled in the STP shall be assessed an Aggregation Fee of \$0.003 per Ccf for all gas delivered. This fee is subject to adjustment on an annual basis.

Balancing Fee

An ESE enrolled in the STP shall be assessed a Balancing Fee of \$0.002 per Ccf for all gas delivered through any meter on which EGM equipment is not installed. This fee is intended to recover costs for such customers associated with any difference between actual daily deliveries and actual daily consumption. This fee shall be credited to the Purchased Gas Adjustment Clause and is subject to adjustment on an annual basis.

Incremental Cost

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.

EGM

An ESE enrolled in the STP shall be required to have EGM equipment installed for individual meters reasonably expected to register more than 100,000 Ccf of usage per year. The terms and conditions governing the installation of such EGM equipment are found in Sheet Nos. 17, 17.1, and 17.2.

DATE OF ISSUE: March 20, 2018 DATE EFFECTIVE: April 19, 2018

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EXPERIMENTAL SCHOOL TRANSPORTATION PROGRAM STP

Adjustments and Surcharges

Service hereunder is further subject to the following terms and conditions as approved by the Missouri Public Service Commission:

- 1. Tax Adjustment (TA)
- 2. General Terms and Conditions (GTC)
- 3. Transportation Provisions (excluding cashout provisions) (TRPR)
- 4. Electronic Gas Measurement Equipment (EGM)
- 5. Small General Service (SGS)
- 6. Large General Service (LGS)

OTHER TERMS AND CONDITIONS

Service hereunder is also subject to the following terms and conditions as approved by the Commission:

- 1. Gross Receipts Taxes--To enroll in the STP, an ESE must agree to pay local gross receipts taxes, or local franchise taxes, or other similar local fees or taxes, on the basis of actual gas supply costs in a manner similar to the way such taxes would be paid if service were not taken under the STP but as traditional sales service under rate schedules SGS, LGS or LVS. It shall be the responsibility of the school aggregator or administrator to make the tax payments directly to the appropriate taxing authority.
- 2. Contract--To enroll in the STP, an ESE shall execute and provide to the Company the contract contained in Sheet Nos. 25 through 25.3
- 3. Billing through Designated Agent--Billing of charges will occur through the association, or its designated agent. The company will render bills to the Association, or its designated agent, which shall in turn render bills to the participating individual ESEs.
- 4. Capacity Release--Provisions for dealing with the Company's pipeline capacity costs shall be the same as those for large industrial or commercial basic transportation customers served under rate schedule LGS. Schools billed under the SGS rate schedule will be treated the same as transportation customers served under the LGS rate schedule.

DATE OF ISSUE: March 20, 2018 DATE EFFECTIVE: April 19, 2018

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EXPERIMENTAL SCHOOL TRANSPORTATION PROGRAM STP

OTHER TERMS AND CONDITIONS (continued)

- 5. Delivery Points--So long as volumes delivered under the STP do not, and are not reasonably expected to, exceed 30,000,000 Ccf in a twelve (12) month period, volumes of natural gas to be transported on the Company's distribution system under this schedule STP shall be delivered into the Company's Kansas City market area and the Company will deliver such thermally equivalent volumes of gas less any retainages to the outlet side of the Company's meters at customer's premises. The gas retained by the Company shall be two 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. Gas transported hereunder will be delivered to the Company in the state in which it will ultimately be consumed.
- 6. Nominations— An Association may aggregate the usage of ESEs enrolled in the STP for purposes of nominations, balancing, assessment of unauthorized use charges and billing. ESEs enrolled in the STP with EGM shall not be pooled with ESEs enrolled in the STP without EGM

Associations shall make reasonable good faith efforts to avoid imbalances. If the ESEs are not pooled on the same billing cycle, the Association will prepare its monthly nomination by taking into account weather and an estimated imbalance. During the months of November through March, after the Association receives the Company's invoice with new actual usage information, the Association will, within a reasonable time, revise its nomination for the remainder of the month as necessary to reflect such information and any adjustments based on weather. At the Company's request, the Association will provide the Company (i) monthly nominations and supporting data prior to the start of each month, and (ii) revised nominations and supporting data during the months November through March.

The Company may recommend an adjustment to a nomination at any time, and the Association shall make such adjustment within two business days after receipt. If the Association fails or refuses to timely adjust a nomination, the Association agrees that Company may adjust the nomination with the transporting pipeline. If an Association fails or refuses to adjust a nomination three or more times within a 12 month period, Company shall be entitled, upon not less than 10 days' notice, to suspend or terminate that Association's aggregation program and convert the ESEs to regular sales service for a period of up to one (1) year.

Company expects that the transporting pipeline will notify Company confirming the Associations pool's daily nomination of MMBTUs to be transported and any changes to that nomination.

For purposes of coordinating nominations, confirmations, scheduling, and delivery of volumes with the transporting pipeline (s), Company may at its sole discretion, communicate customers' daily usage information and/or grant electronic access to such information as requested by transporting pipelines.

DATE OF ISSUE: March 20, 2018 DATE EFFECTIVE: April 19, 2018

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EXPERIMENTAL SCHOOL TRANSPORTATION PROGRAM STP

For: Spire Missouri West

OTHER TERMS AND CONDITIONS (continued)

6. Nominations (continued)

The Association shall, at all times, cause gas to be delivered to a "city gate" (an interconnection point between the delivering upstream pipeline system and the Company's local distribution system over which the gas is being delivered to the customer's facilities where it is to be ultimately consumed) which is acceptable to the Company.

The Company will not accept gas where the Association causes gas to be delivered at a city gate location which could jeopardize, at any time, delivery of gas purchased by the Company for resale to its firm customers.

The Company shall retain all records associated with its decision to deny a pool transportation service and/or to deny service at any specific city gate interconnection point. The Company will provide an explanation of its decision and supporting documentation to the Association, or its designated agent, upon request. The Company will also provide pertinent records to the staff of the Missouri Public Service Commission and the Office of Public Counsel upon request, subject to claims of privilege.

- 7. Refunds--Except for the Balancing Fee as provided hereinabove, it is the Company's general intention that reconciling factors within the Purchased Gas Adjustment clause not apply to volumes transported under the STP; provided, however, that the Commission shall retain authority to order otherwise upon good cause shown.
- 8. General Transportation Provisions -- The following Transportation Provisions (TRPR) also apply to service under this schedule STP:
 - (a). Responsibility for Transported Gas (Sheet No. 16)
 - (b). Daily Quantity (Sheet No. 16.2);
 - (c). Quality, Heat Content and Delivery Pressure for Transportation (Sheet Nos. 16.2, 16.3 and 16.4):
 - (d). Priority of Service (Sheet Nos. 16.7, 16.8, 16.9, 16.10 and 16.11);
 - (e). Unauthorized Deliveries and Penalties (Sheet Nos. 16.12, 16.13 and 16.14)

DATE OF ISSUE: March 20, 2018 DATE EFFECTIVE: April 19, 2018

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Spire Missouri Inc. d/b/a/ Spire

TRANSPORTATION PROVISIONS TRPR

- A. REQUIREMENTS FOR TRANSPORTATION SERVICE: The provisions of this schedule apply to the transportation service provided to customers qualified to receive such service, in accordance with the Company's applicable rate schedules.
 - 1 Company's Responsibility: Company shall deliver to a customer volumes of gas which are thermally equivalent to the volumes of gas received for the customer at a receipt point, less any amount retained by Company according to Section A-6 Retainage.
 - 2 Customer's Responsibility: A customer, by taking service under a transportation service rate schedule, warrants and agrees that:
 - (a) Gas delivered to the Company for transport shall be free from all adverse claims, liens and encumbrances and shall indemnify and save the Company harmless from and against all suits, actions, causes of action, claims and demands, including attorneys' fees and costs, arising from or out of any adverse claims by third parties claiming ownership of or an interest in said gas, caused by the failure to provide clear title to the gas,
 - (b) Company shall not be responsible in any way for damages or claims relating to the customer's gas or the facilities of the customer or others containing such gas prior to receipt into Company's facilities or after delivery to the customer, and
 - (c) The customer's gas shall at all times remain vested in the customer.
 - 3 Customer's Agent: Agents shall be allowed to deliver gas to Company's system for a transportation service customer.
 - (a) Agent's Responsibilities: An agent arranging for delivery of gas for a transportation service customer must receive Company authorization prior to delivering gas to Company's system. Agents may obtain Company authorization to aggregate balancing as described in Section A-4 Aggregation by entering into a signed agreement with Company, which shall acknowledge the agent's responsibilities under Section A-9 Cash Out and Section B-5 Penalties for Unauthorized Usage.

DATE OF ISSUE: March 20, 2018 DATE EFFECTIVE: April 19, 2018

ISSUED BY: C. Eric Lobser, VP, Regulatory & Governmental Affairs

TRANSPORTATION PROVISIONS TRPR

- A. REQUIREMENTS FOR TRANSPORTATION SERVICE: (continued)
 - 3 Customer's Agent: (continued)
 - (b) Affidavit: A customer to be represented by an agent must provide Company with an affidavit identifying its agent. This authorization shall be in a form agreeable to Company and shall remain in effect until a signed replacement is received by Company.

For: Spire Missouri West

- (c) Billing: Company may accept payment from the customer's agent; however, the customer shall continue to be responsible for all charges on the account. In the event of any billing dispute, Company shall notify the customer directly and shall not be required to notify the customer's agent.
- Aggregation: Customers' agents shall be allowed to aggregate their customers' usages for purposes of nominating and balancing transportation deliveries on the same pipeline.
 - (a) Aggregation Groups (Pools): An agent shall establish its customers within each aggregation area into a pool or pools. Customers may not belong to more than one pool. Customers not assigned to a pool shall be individually balanced.
 - (b) Changes to Pools: Company must receive changes to pools, in writing, no later than four (4) business days prior to the end of each month. Changes shall become effective on the first day of the following month except that pools shall be as designated prior to the first effective day of an OFO or POC. In the event an OFO or POC overlaps the end of one month and the beginning of another, no changes to pools will become effective until the first day of the month following.
 - (c) Monthly Imbalances: The agent selecting pooling or individual customers not belonging to a pool shall be responsible for clearing the monthly imbalance according to Section A-9, Cash Out.
- Nominations: A transportation service customer or the customer's agent shall be responsible for nominating volumes of gas to be received by Company for delivery to the delivery point in order to meet customer's or pool's daily requirement for flowing gas plus retainage.

DATE OF ISSUE: March 20, 2018 DATE EFFECTIVE: April 19, 2018

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Spire Missouri Inc. d/b/a/ Spire

TRANSPORTATION PROVISIONS TRPR

A. REQUIREMENTS FOR TRANSPORTATION SERVICE: (continued)

- Retainage: The gas retained by the Company shall be two 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 two percent retainage otherwise provided in this subsection.
- Daily Quantity of Transportation Service Gas: The customer will, as nearly as practicable, have delivered to the Company, and shall take redelivery from Company at the same uniform rate. Variations in such deliveries or redeliveries which cause the Company operating problems of any kind shall give the Company the right to discontinue receipts of such gas until such variations are corrected.
- Quality and Pressure of Transportation Service Gas: The gas delivered by a producer, supplier or pipeline to the Company for transportation to the customer or the customer's agent shall conform to the standards prescribed in the Company's applicable rate schedules and General Terms and Conditions and shall at all times be merchantable gas of a quality otherwise required for the system of the Company to which the gas is being delivered. Such gas shall be free from any foreign materials such as dirt, dust, gums, iron particles, water, entrained liquids, and other impurities which might render it unmerchantable or interfere with the proper operation of pipelines, meters, regulators or other facilities through which it flows or is. Company may refuse to receive gas not meeting the quality requirements of Section A-8-a Specifications. Acceptance by the Company of any gas not meeting the applicable quality requirements shall not obligate the Company to continue such receipts, nor shall it remove the customer's obligation to deliver gas meeting those specifications:
 - (a) Specifications: Unless stated otherwise in specific agreements, gas shall conform to the following specifications:
 - (i). It shall not contain more than one (1) grain of hydrogen sulfide per 100 cubic feet, nor more than twenty (20) grains of total sulphur per 100 cubic feet,

(ii). Its temperature shall not exceed 70° Fahrenheit.

DATE OF ISSUE: March 20, 2018 DATE EFFECTIVE: April 19, 2018

ISSUED BY: C. Eric Lobser, VP, Regulatory & Governmental Affairs

TRANSPORTATION PROVISIONS TRPR

- A. REQUIREMENTS FOR TRANSPORTATION SERVICE: (continued)
 - 8 Quality and Pressure of Transportation Service Gas: (continued)
 - (a) Specifications (continued)
 - (iii). It shall not contain more than seven (7) pounds of water vapor per 10,000 Ccf.

For: Spire Missouri West

- (iv). It shall not contain more than 2% carbon dioxide by volume, nor more than 1% oxygen by volume,
- (v). Its Btu content shall be no less than that normally provided or currently flowing from interconnected pipelines, nor less than as provided for in an existing contract for Company's gas from that source.
- (b) Determination of Quality: If the customer or customer's agent contracts for the purchase of gas from a producer or pipeline who is not currently delivering gas to the Company and such gas is to be delivered directly into Company facilities, the customer will bear all expense connected with the determination of the quality of gas being delivered and any required interconnections. However, the Company's obligation to transport such gas is also contingent upon the execution of an agreement between the Company and such producer or pipeline which the Company shall not unreasonably withhold setting forth the terms of interconnection, quality standards, and the respective rights of the Company and such producer or pipeline in connection with deliveries of such gas.
- (c) Heat Content: The heat content of the gas delivered to the customer by the Company shall be the heat content available in its system at the particular point of delivery at the time of delivery. It is recognized that the heat content at the various delivery points will vary from point to point and from time to time and nothing herein contained shall be construed as obligating the Company to alter the usual operation of its facilities to achieve deliveries of a prescribed heating value at any point or points.

DATE OF ISSUE: March 20, 2018 DATE EFFECTIVE: April 19, 2018

ISSUED BY: C. Eric Lobser, VP, Regulatory & Governmental Affairs

TRANSPORTATION PROVISIONS TRPR

- A. REQUIREMENTS FOR TRANSPORTATION SERVICE: (continued)
 - 8 Quality and Pressure of Transportation Service Gas: (continued)
 - (d) Measuring Heat Content of Gas Received: The heat content of the gas tendered shall be the heat content stated in BTU per cubic foot of all gas received from transporting pipeline(s) into the distribution system.

For: Spire Missouri West

- (e) Measuring Heat Content of Gas Delivered: On Company's distribution systems served by a single transporting pipeline, the heat content of natural gas stated in BTU per cubic foot shall be the heat content of the gas delivered by the transporting pipeline. For customers transporting all gas requirements on a single transporting pipeline into a distribution system served by multiple pipelines, the BTU contents of customers' gas will be the same as the BTU contents of the transporting pipeline. For customers transporting gas on more than one pipeline, into distribution systems served by multiple pipelines, the heat content of gas delivered to customers shall be calculated utilizing the BTU per cubic foot for each transporting pipeline multiplied by a pro rate share of the delivered transportation gas.
- (f) Additional Equipment for Measuring Heat Rate: If additional BTU measurement is required by the Company or the customer, the Company shall determine the type and location of such measurement equipment and cause the same to be installed at the customer's sole expense. For customers requesting the installation of BTU measurement equipment hereunder, thermal balancing shall be performed on the basis of such measurement for a minimum period of twelve consecutive months following such installation. In all cases where BTU measurement devices requiring periodic or continuous sampling of the gas are to be installed, the customer shall pay the Company a monthly charge reasonably calculated to reimburse the Company for its operating expenses related to such sampling as well as other expenses incurred to measure and account for the heat content of the.
- (g) Delivery Pressure of Transportation Service Gas: Delivery pressures to customers shall be mutually agreed upon from time to time and shall take into account system capacity, customer requirements, and other pertinent factors.

DATE OF ISSUE: March 20, 2018 DATE EFFECTIVE: April 19, 2018

ISSUED BY: C. Eric Lobser, VP, Regulatory & Governmental Affairs

TRANSPORTATION PROVISIONS TRPR

A. REQUIREMENTS FOR TRANSPORTATION SERVICE: (continued)

- 9 Cash Out: Monthly volumes of gas delivered to a transportation service customer should, to the extent practicable, match Company's receipts for the customer less any amount retained by Company according to Section A-6, Retainage. Agents may balance the aggregated volumes of gas for each pool of customers they represent, according to the terms of Section A-4, Aggregation.
 - (a) Monthly Cash Out: Differences between deliveries and retainage-adjusted receipts shall be reconciled on a monthly basis between Company and a customer or the customer's agent.
 - (i) If Company's retainage-adjusted receipts (nomination) for the customer are less than deliveries (usage) to the customer, the customer or the customer's agent shall pay:
 - 1.0 times the index price for each MMbtu of imbalance up to and including 5% of nominations, plus

For: Spire Missouri West

- 1.2 times the index price for each MMbtu of imbalance which is greater than 5%, up to and including 10% of nominations, plus
- 1.4 times the index price for each MMbtu of imbalance which is greater than 10% of nominations, plus
- For each MMbtu of imbalance Southern Star Central's maximum tariff transportation rate, plus the incremental/variable storage withdrawal cost rate.
- (ii) If Company's retainage-adjusted receipts (nomination) for the customer exceed deliveries (usage) to the customer, the customer or the customer's agent shall receive:
 - 1.0 times the index price for each MMbtu of imbalance up to and including 5% of nominations, plus
 - 0.8 times the index price for each MMbtu of imbalance which is greater than 5% of nominations, up to and including 10%, plus
 - 0.6 times the index price for each MMbtu of imbalance which is greater than 10% of nominations, plus
 - For each MMbtu of imbalance Southern Star Central's maximum tariff transportation rate, minus the incremental/variable storage injection rate.

DATE OF ISSUE: March 20, 2018 DATE EFFECTIVE: April 19, 2018

ISSUED BY: C. Eric Lobser, VP, Regulatory & Governmental Affairs

TRANSPORTATION PROVISIONS TRPR

- A. REQUIREMENTS FOR TRANSPORTATION SERVICE: (continued)
 - 9 Cash Out: (continued)
 - (b) Index Price: The index price shall be determined as the arithmetic average of the first-of-the-month index prices published in Inside F.E.R.C.'s Gas Market Report for the month immediately following the month in which the imbalance occurred, for

Southern Star Central Gas Pipeline, Inc. (Texas, Kansas, Oklahoma) (If Inside FERC's Gas Market Report does not publish an index price for Southern Star, then the alternate index price approved by FERC for use by Southern Star Central will be substituted.)

For: Spire Missouri West

And

Panhandle Eastern Pipe Line Company (Texas and Oklahoma)

- Limitations: If the Company's system capacity is inadequate to meet all of its other demands for sales and transportation service, the services supplied under this schedule may be curtailed in accordance with the Priority of Service rules in the Company's General Terms and Conditions, R-16 and R-17. If a supply deficiency occurs in the volume of gas available to the Company for resale, and the customer's supply delivered to the Company for transportation continues to be available, then the customer may continue to receive full transportation service even though sales gas of the same or higher priority is being curtailed. The determination of system capacity limitations shall be in the sole discretion of the Company reasonably exercised. If capacity limitations restrict the volume of gas which the customer desires to be transported, the customer may request the Company to make reasonable enlargements in its existing facilities, which requests the Company shall not unreasonably refuse, provided that the actual cost (including indirect costs) of such system enlargements are borne by the customer. Title to such expanded facilities shall be and remain in the Company free and clear of any lien or equity by the customer. Nothing herein contained shall be construed as obligating the Company to construct any extensions of its facilities.
- Limitation of Transportation Service and Other Charges: Transportation shall be available only where the gas supply contracts, tariffs and schedules under which the Company obtains its gas supplies permit. Any conditions or limitations on transportation by the Company imposed by such contracts, tariffs and schedules shall be applicable to service hereunder. In the event that this transportation service causes the incurrence of demand charges, standby charges, reservation charges, penalties or like charges from the Company's gas suppliers or transporters, which charges are in addition to charges for gas actually received by the Company, such charges shall be billed to the customer in addition to amounts for service rendered hereunder.

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ISSUED BY: C. Eric Lobser, VP, Regulatory & Governmental Affairs

Spire Missouri Inc. d/b/a/ Spire

TRANSPORTATION PROVISIONS TRPR

A. REQUIREMENTS FOR TRANSPORTATION SERVICE: (continued)

Third Party Metering: When the gas delivered to the Company for transportation to the customer is delivered through meters which are not owned and operated by the Company or the customer, customer's agent(s) or supplier(s) shall, at the earliest practicable time, but not later than the last day of each month, furnish the Company a statement showing the amount of gas in Ccf or MMBTU per day delivered for the customer's account to the Company during the billing period. The customer, upon request, shall furnish to the Company all charts, or satisfactory copies thereof, or other documentation in the case of electronic metering, upon which the statements provided for above were based. Any original charts furnished shall be returned within thirty days. By accepting natural gas transported hereunder, the customer agrees to maintain records of the volumes of transportation gas delivered to the Company on its account and to permit the Company to inspect such records upon request during the customer's regular business hours.

B. PRIORITY OF SERVICE

Notice: Notice of Operational Flow Orders (OFO's) and Periods of Curtailment shall be provided as far in advance as practicable and prospectively may be changed by Company upon reasonable advance notice as conditions warrant. Where practicable, OFO's will be issued by 12 noon Central time and will be effective the second day after issuance, thereby providing time for Transportation Customers to adjust their nominations in accordance with the OFO. Company may make OFO's effective with a shorter notice if necessary to protect the integrity of its system and/or where such actions are necessary to insure compliance with the requirements of upstream pipeline companies and shall permit Transportation Customers to adjust nominations as necessary to reasonably comply with the OFO.

Notice shall be given to each affected customer by telephone and in writing, in the manner elected by the customer or its agent, including facsimile and electronic mail. Notification of the customer's agent shall fulfill the requirement of this paragraph. During emergency situations, if providing notice to customers by one of the previously identified methods is not practicable, Company may use commercial radio and/or television to notify customers.

Spire West will also make every reasonable effort to provide direct notification by electronic or telephonic means to each affected customer.

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TRANSPORTATION PROVISIONS TRPR

B. PRIORITY OF SERVICE (continued)

Notice of an OFO shall specify the nature of the problem sought to be addressed, the anticipated duration of the required compliance and the parameters of such compliance. Upon termination of an OFO, Spire West will post on its website the rationale for lifting that particular OFO.

For: Spire Missouri West

2 Operational Flow Orders: Company may issue Operational Flow Orders (OFO's) to Transportation Customers as necessary to protect the integrity of its system or any portion thereof and/or to insure compliance with the requirements of upstream pipeline companies. Any OFO, along with associated conditions and penalties, shall be limited, as practicable to address only the problem(s) giving rise to the need for the OFO. Company may issue notice of an OFO as provided in section (1) above to instruct all customers or agents served through a given pipeline segment, on a distribution system or any portion thereof or any individual agent or customer to control their usage to avoid either Under-Deliveries or Over-Deliveries. The Company will specify in the OFO whether customers or agents are required to avoid Under-Deliveries, Over-Deliveries, or both. Conditions which threaten the integrity of the Company's distribution system may include but are not limited to, exceeding the maximum allowable operating pressure of the distribution system segment, loss of sufficient line pressure to meet distribution system delivery obligations, or other conditions which may cause the Company to be unable to deliver natural gas consistent with its tariff. Conditions relevant to compliance with the requirements of upstream pipelines may include, but are not limited to, 1) situations where relevant Company resources are being used at or near their maximum tariff or contractual limits; and, 2) situations where actions are necessary to comply with a relevant OFO or the functional equivalent of a relevant upstream pipeline OFO, Critical Notice or force majeure. Company's actions with respect to its OFO's shall be reasonable, objective, non-discriminatory and consistent with the General Terms and Conditions for Gas Service, R-16 Priority of Service, and R-17. Before issuing an OFO, Spire West will attempt to identify specific customers causing the conditions that give rise to the need for the OFO, and attempt to remedy those problems through requests for voluntary action; provided, however, exigent circumstances may exist which require immediate issuance of an OFO.

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TRANSPORTATION PROVISIONS TRPR

B. PRIORITY OF SERVICE (continued)

2 Operational Flow Orders:

(a) Standard OFO: A Standard OFO shall require the customer to take, during a period specified by the company, preemptive or preventive actions and/or measures in order to neutralize or reduce threats to, or to otherwise preserve the integrity of all or a portion of Company's system or as necessary to insure compliance with the requirements of upstream pipeline companies.

For: Spire Missouri West

- (b) Emergency OFO: An Emergency OFO shall require the customer to take immediate actions and/or measures in order to neutralize or reduce threats to, or to otherwise preserve the integrity of all or a portion of Company's system or as necessary to insure compliance with the requirements of upstream pipeline companies.
- (c) Authorized Usage: A transportation service customer's authorized usage during an OFO shall be equal to that customer's daily retainage-adjusted confirmed nomination in MMBtus.
- (d) Interrupted Supply: On any day on which a transportation service customer's supply is partially or totally interrupted for any reason, that customer's authorized usage shall be limited to the retainage-adjusted confirmed nomination in MMBtus being delivered to Company on behalf of that customer.
- (e) Spire West will not apply an OFO penalty to a Transportation Customer whose conduct during an OFO is compliant with the OFO or Spire West directives.
- (f) Curtailment of Transportation Service: A transportation service customer shall not be required to curtail as long as the customer's gas is delivered to Company's delivery system and the Company's system capacity is adequate to make deliveries as provided in Section A-10, Limitations.
- 3 Period of Curtailment: Consistent with the provisions of Section A(10) Limitations, curtailment may be initiated due to a supply deficiency or limitation of pipeline capacity or a combination of both. Company may require its sales service and transportation service customers to limit, in whole or in part, their use of Company's facilities during a Period of Curtailment (POC), taking into consideration priority of use or other factors it deems necessary to ensure public health and safety.
 - (a) Authorized Usage: Company shall, at its sole discretion, authorize customers a usage level which is appropriate to the conditions of the POC.
 - (b) Curtailment Priority: Curtailment shall first apply to the lowest priority category (Category Three) and successively to each higher priority category as required.

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TRANSPORTATION PROVISIONS TRPR

- B. PRIORITY OF SERVICE (continued)
 - 3 Period of Curtailment: (continued)
 - (b) Curtailment Priority (continued)

The categories to be used by Company to allocate available service, listed from highest to lowest priority, are:

- (i) For a Spire West Sales Service Supply Deficiency
 - (a) Category 1.
 Sales service to residential customers, public housing authorities, public schools, hospitals, and other human needs customers receiving firm sales service from the Company

For: Spire Missouri West

- (b) Category 2. Commercial sales service
- (c) Category 3. Industrial sales service
- (ii) For a Spire West Distribution System Capacity Deficiency
 - (a) Category 1.

 Sales or transportation service to residential customers, public housing authorities, public schools, hospitals, and other human needs customers receiving firm sales service from the Company
 - (b) Category 2. Commercial sales service and commercial transportation service
 - (c) Category 3. Industrial sales service and industrial transportation service

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TRANSPORTATION PROVISIONS TRPR

- B. PRIORITY OF SERVICE (continued)
 - 3 Period of Curtailment: (continued)
 - (c) Exception to Curtailment Priority: Company may curtail customers in higher priority categories before curtailing customers in lower priority categories only if curtailing lower priority category customers would not be useful in maintaining deliveries to the higher priority customers.

For: Spire Missouri West

- (d) Allocation of Partial Capacity: Should partial service only be available to an affected category, deliveries to individual customers shall be limited to the customer's pro rata share of available supply, such allocation to be based on the ratio of the customer's requirements in the category for which partial service is available to the aggregate requirements of all the Company's customers in the same category.
- (e) Emergency Usage during POCs: A customer may request to use gas above authorized levels to forestall irreparable injury to life or property. Requests by telephone shall be followed immediately by a written request. Written requests shall state the nature, cause, and expected duration of the emergency and may be submitted by facsimile (fax) or electronic transmission. The customer must act to eliminate the cause of the emergency as soon as practicable. The charge for usage above authorized levels shall be determined at the time Company receives the customer's request. Disputes concerning this charge shall be referred to the Commission for resolution.
- (f) Relief from Liability: Company shall be relieved of all liabilities, penalties, charges, payments, and claims of whatever kind, contractual or otherwise, resulting from or arising out of Company's failure to deliver all or any portion of the volumes of gas desired by a customer or group of customers during a POC. Company's relief shall apply if curtailment is according to these General Terms and Conditions or any other orders or directives of duly constituted authorities including, but not limited to, the Missouri Public Service Commission.

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TRANSPORTATION PROVISIONS TRPR

B. PRIORITY OF SERVICE (continued)

- 4 Unauthorized Deliveries: Over-Deliveries and/or Under-Deliveries which vary from customer's authorized usage level under an OFO or during a POC, shall be subject to the penalties described in Section B-5 Penalties for Unauthorized Usage.
 - (a) Individual Customers: Unauthorized Deliveries for individually balanced customers shall be calculated by comparing each customer's retainage-adjusted confirmed nominations with actual usage less contract demand.

For: Spire Missouri West

- (b) Pools: Unauthorized Deliveries for pools subject to aggregated balancing as defined under Section A-4 Aggregation, shall be calculated by comparing the group members' total retainage-adjusted confirmed nominations with their total actual usage less contract demand.
- (c) Meter Reading: Actual usage during an OFO shall normally be provided by electronic gas measurement (EGM) equipment. If Company is unable to obtain data from a customer's EGM device, the customer's usage shall be determined by actual meter reads.
- (d) Refusal to Comply: Company may disconnect from its system or refuse to accept the nomination of a customer which endangers system stability and/or safety by continuing to incur Unauthorized Deliveries.

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TRANSPORTATION PROVISIONS TRPR

B. PRIORITY OF SERVICE (continued)

- Penalties for Unauthorized Usage: A customer or pool's unauthorized usage under an OFO or during a POC shall cause the incurrence of penalties. All revenues received from unauthorized use charges will be considered as gas cost recovery and will be used in the development of the gas cost recovery amount during the ACA audit as set forth in the Purchased Gas Adjustment schedule (PGA).
 - (a) Tolerance Levels: Penalties shall be assessed:
 - (i) During an OFO or POC, when Unauthorized Over- Deliveries to EGM meters exceed 5% of authorized daily delivery levels.

For: Spire Missouri West

- (ii) During an OFO, when Unauthorized Under-Deliveries to EGM meters exceed 5% of authorized daily delivery levels.
- (b) Penalties during POCs shall be:
 - (i) The greater of \$10 or 5 times the daily midpoint stated on Gas Daily's Index for Southern Star Central Gas Pipeline (Oklahoma) for each day of the POC, for each MMbtu of Unauthorized Over Delivery that exceeds the Tolerance Levels set in Section B-5-a Tolerance Levels but is no greater than 10% of the authorized delivery level for the customer or the aggregated balancing group, and
 - (ii) The greater of \$20 or 10 times the daily midpoint stated on Gas Daily's Index for Southern Star Central Gas Pipeline (Oklahoma) for each day of the POC, for each MMbtu of Unauthorized Over Delivery in excess of 10% of the authorized delivery level for the customer or the aggregated balancing group.

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TRANSPORTATION PROVISIONS TRPR

- B. PRIORITY OF SERVICE (continued)
 - 5 Penalties for Unauthorized Usage: (continued)
 - (c) Penalties during OFOs: Penalties for Unauthorized Over-deliveries or Under-deliveries shall be calculated as follows:
 - (i) Standard OFO Penalties: For each day of the Standard OFO, the greater of \$5 or 2½ times the daily midpoint stated on Gas Daily's Index for Southern Star Central Gas Pipeline (Oklahoma) times the MMBtu of Unauthorized Over- or Under-deliveries that exceed the tolerance level applicable under Section B-5-a Tolerance Levels.

For: Spire Missouri West

- (ii) POC and Emergency OFO Penalties: For each day of the POC or Emergency OFO, the greater of \$10 or 5 times the daily midpoint stated on Gas Daily's Index for Southern Star Central Gas Pipeline (Oklahoma) times the MMBtu of Unauthorized Over-or Under-deliveries that exceed the tolerance level applicable under Section B-5-a Tolerance Levels.
- (d) Responsibility for Payment: Unauthorized Over- or Under-Delivery Penalties for individually balanced customers shall be billed to and collected from the applicable customer. Unauthorized Over- or Under- Delivery Penalties for pools shall be billed to and collected from the agent representing the aggregated customers. Customers will continue to have ultimate responsibility for all charges on the account.

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Spire Missouri Inc. d/b/a/ Spire

ELECTRONIC GAS MEASUREMENT EQUIPMENT EGM

APPLICABLE

EGM equipment will be required for natural gas service supplied to large volume transportation customers. EGM equipment will be required on all meters necessary to record 100% of the customer's annual natural gas usage at customer's location.

For safety, billing, and efficiency-related reasons, the Company will install, own and operate all EGM equipment. Such equipment will provide for the on-site measurement of natural gas consumed by the customer. Company agrees to provide a data link or contact closure from the Company's EGM equipment to the customer at the meter site so customer can receive data in the same fashion that is available to the Company. At the customer's request, Company will inspect and evaluate customer's connection to the Company-owned EGM equipment during normal Company working hours. The Company will also provide and bill customer the actual cost for any requested assistance beyond maintenance to the Company EGM equipment connection.

The customer is required to provide adequate space for the installation of the EGM equipment and shall provide and maintain, at its cost, electric power and telephone circuitry according to Company EGM standards. Electric power and telephone connection locations shall be mutually agreed to by Company and customer. Failure to provide power and telephone will be considered non-compliance with the EGM obligation and transportation service will be terminated within 30 days written notice to the customer. The customer will be placed into the appropriate rate schedule based on annual consumption. A minimum of 12 months must pass for the customer to again qualify for the transportation service. The customer will also be required to comply with the EGM requirements before being moved to the transportation rate schedule.

DATE OF ISSUE: March 20, 2018 DATE EFFECTIVE: April 19, 2018

ISSUED BY: C. Eric Lobser, VP, Regulatory & Governmental Affairs

ELECTRONIC GAS MEASUREMENT EQUIPMENT EGM

For: Spire Missouri West

EGM CHARGES

Customer shall reimburse Company for the installed cost of EGM equipment not to exceed the cost as set out below and pay a monthly fee for the operations and maintenance as set out below.

Equipment Charges

Per Meter Site (includes one instrument point), plus applicable income taxes: \$5,000

Each additional Instrument Point (maximum of three additional at same meter site), plus applicable income taxes: \$3,000

An additional charge of \$3,000 plus applicable income taxes will be assessed to customers served by orifice meters due to the complexity of the installation.

Charges shall be assessed in a non-discriminatory manner for customers with similar meter characteristics and EGM equipment requirements.

Monthly Charge

The customer shall pay for the operation and maintenance of the EGM equipment through a monthly facility charge of \$25 for each EGM device installed beginning at the time of installation.

DEFINITIONS

Meter Site:

A gas metering facility that serves a single or multiple contiguous meter runs at one location. Meters must be within a 50 foot radius to be considered contiguous.

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ELECTRONIC GAS MEASUREMENT EQUIPMENT EGM

For: Spire Missouri West

DEFINITIONS (continued)

Instrument Point:

A metering device which provides a record of the flow of natural gas into the Customer's premises. There may be multiple instrument points at a single meter site.

OTHER PROVISIONS

Company will endeavor to coordinate the installation of all facilities required herein with customer as soon as practicable following the effective date of this tariff. Company will permit customer to finance the EGM equipment over a three (3) year period at 5% per annum.

In the event that the EGM equipment should fail, mechanical uncorrected readings will be used, except for Orifice meter installations where historical data will be used to estimate billing data as provided in Section 7.04 of the Company's General Terms and Conditions.

Customer shall hold Company harmless from all claims for trespass, injury to persons, or damage to lawns, trees, shrubs, buildings or other property that may be caused by reason of the installation, operation, or replacement of the EGM equipment or Customer connection and other necessary equipment to serve the Customer unless it shall affirmatively appear that the injury to persons or damage to property complained of has been caused by willful default or negligence on the part of the Company or its accredited personnel.

DATE OF ISSUE: March 20, 2018 DATE EFFECTIVE: April 19, 2018

ISSUED BY: C. Eric Lobser, VP, Regulatory & Governmental Affairs

GENERAL TERMS AND CONDITIONS FOR GAS SERVICE

For: Spire Missouri West

SCHEDULE OF OTHER CHARGES:

Description of Charge	<u>Amount</u>
Collection or disconnection	\$24.00
New connection charge	\$32.00
Transfer charge	\$32.00
Revert to owner Landlord to tenant transfer Tenant to landlord transfer	\$15.00 \$15.00
Reconnection charge:	
Failure to furnish deposit	\$65.00
At customer's request	\$65.00
Reselling or redistributing gas	\$65.00
Fraudulent or unauthorized use of gas	\$65.00
Meter removal and reinstallation at Customer's request	\$65.00
Failure to provide access for meter reading	\$65.00
Tampering with Company property	\$65.00
Cut off at curb (unpaved) Disconnection & reconnection	\$56.00
Cut off at main (paved) Disconnection & reconnection	\$106.00

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Amount

Spire Missouri Inc. d/b/a/ Spire

GENERAL TERMS AND CONDITIONS FOR GAS SERVICE

SCHEDULE OF OTHER CHARGES:

Description of Charge

<u>Description of Charge</u>	Amount
To mobile home court after disconnection for reselling of gas by court owner	
Request for meter reading during normal working hours:	
A.M P.M. reading Monday through Friday	\$5.00
Specific hourly appointment or weekdays between 5:00 and 9:00 P.M.	\$10.00
Request for meter reading on Saturday, between 8:00 A.M. & 5:00 P.M.	\$10.00
Returned Payment Charge	\$15.00.

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

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GENERAL TERMS AND CONDITIONS FOR GAS SERVICE

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.

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Spire Missouri Inc. d/b/a/ Spire

INDEX OF COMMUNITIES SERVED

Anderson

Bates City

Blackburn

Butterfield

Aurora

Urban Areas

Alba Alma
Armstrong Ash Grove
Avondale Baldwin Park
Belton Billings
Blue Springs Buckner

Camden PointCameronCarl JunctionCarrolltonCartervilleCarthageCassvilleCenterviewClarksburgClaycomoClevelandCleverConcordiaCorderCrane

Dearborn Diamond Drexel

Duenweg East Lynne Edgerton

EL Derede Springs Emme

El Dorado Springs Emma Excelsior Springs
Exeter Fayette Fort Crowder
Freeman Freistatt Garden City

Gladstone Glenaire Golden City
Goodman Gower Grain Valley
Grandview Grayson Greenfield
Greenwood Harrisonville Higginsville
Holden Holt Houstonia

Houston Lake Hugesville Independence
Irwin Jasper Jerico Springs
Joplin Kansas City Kearney
Kingsville Knob Noster Lake Lotawana
Lakeside Lake Tapawingo Lake Waukomis

Lake Winnebago Lamar

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Lamar HeightsLaMonteLanaganLathropLawsonLee's SummitLibertyLockwoodLone JackMarionvilleMonettMosbyMt. LeonardMt. VernonNeck City

Neosho New Market Nixa

Noel Norborne North Kansas City
Northmoor North Noel Oak Grove

Oaks Oak View Oakwood
Oakwood Manor Oakwood Park Odessa

Osborn Ozark

Southwest City

ParkvillePeculiarPierce CityPilot GrovePinevillePlatte WoodsPleasant HillPleasant ValleyPrathersvilleProsperityPurcellPurdy

Randolph Raymore Raytown
Redings Mill Republic Riverside
Saginaw St. Joseph Sarcoxie
Savannah Seneca Sheldon
Slater Smithfield Smithville

Spring Valley

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Stewartsville

ISSUED BY: C. Eric Lobser, VP, Regulatory & Governmental Affairs

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Urban Areas (continued)

StocktonStone's CornerSugar CreekSweet SpringsTiptonTrimbleTurneyVeronaWalnut GroveWarrensburgWaverlyWeatherby LakeWebb CityWentworthWillard

Windsor Woods Heights

Rural & Suburban Areas

Andrew County
Buchanan County
Cedar County
Clinton County
Cesse County
Cooper County
Cooper County
County
County
County
Cooper County
County
County
Cooper County
C

Howard County
Johnson County
Understand State County
Jasper County
Lafayette County
McDonald County
Moniteau County
Pettis County
Platte County
Saline County
Stone County
Vernon County

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INDEX OF CERTIFICATED AREAS

For: Spire Missouri West

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Unless specifically noted otherwise, all certificates held by the Company are Area Certificates

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T30n	R30w	1,2,3,4,5,6,7
T30n	R31w	1,11,12
T31n	R29w	19,20,21,22,23,26,27,28,29,30,31,32,33,34,35
T31n	R30w	6,7,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,
		33,34,35,36
T31n	R31w	1,12,13,24,25,36
T32n	R30w	19,20,29,30,31,32
T32n	R31w	1,2,11,12,13,14,23,24,25,26,35,36
T33n	R31w	1,2,3,11,12,13,14,23,24,25,26,35,36
BUCHANAN C	OUNTY	
T55n	R33w	4,5,8,9,16,17,20,21,28,29,31,32,33
T55n	R34w	32,33,34,35,36
T56n	R33w	28,29,32,33
T56n	R35w	1,2,3,4,5,6,7,8
T56n	R36w	1,2,3
T57n	R35w	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,19,20,
		21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36
T57n	R36w	1,2,3,11,12,23,25,26,27,34,35,36
T58n	R35w	25,26,27,28,29,30,31,32,33,34,35,36
T58n	R36w	36

Unless specifically noted otherwise, all certificates held by the Company are Area Certificates

DATE OF ISSUE: March 20, 2018 DATE EFFECTIVE: April 19, 2018

ISSUED BY: C. Eric Lobser, VP, Regulatory & Governmental Affairs

Spire Missouri Inc. d/b/a/ Spire

INDEX OF CERTIFICATED AREAS

TOWNSHIP	RANGE	SECTIONS
CARROLL CO	UNTY	
T52n	R23w	4,5,8,9
T52n	R25w	22,23
T53n	R23w	28,29,30,31,32,33
CASS COUNT	Υ	
T42n	R33w	4,5,6,7,8,9
T43n	R29w	6
T43n	R30w	1,2
T43n	R33w	29,30,31,32
T44n	R29w	18,19,30,31
T44n	R30w	2,3,4,9,10,11,13,14,15,16,21,22,23,24,25,26,27,28,35,36
T44n	R31w	2,3,4,5,6
T44n	R32w	6,7,8,18
T44n	R33w	5,6,8,12,13,17,18,19,20,29,30,32
T45n	R30w	13,14,15,16,21,22,23,24,25,26,27,28,33,34,35,36
T45n	R31w	28,29,32,33,34,35
T45n	R32w	3,4,7,8,9,10,15,16,17,18
T45n	R33w	32,33
T46n	R30w	4,5,6,7,8,9,16,17,18,19,20,21
T46n	R31w	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17
T46n	R32w	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,
		17,18,19,20,21,22,23,30
T46n	R33w	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,
		18,19, 20,21,22,23,24,25,26,27,28,29,30

Unless specifically noted otherwise, all certificates held by the Company are Area Certificates

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ISSUED BY: C. Eric Lobser, VP, Regulatory & Governmental Affairs

Spire Missouri Inc. d/b/a/ Spire

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TOWNSHIP	RANGE	SECTIONS
CEDAR COUN	ITY	
T33n	R26w	3,4,5,6,7,8,9,10
T33n	R27w	1,2,3,4,5,6,7,8,9,10,11,12
T33n	R28w	1,2,3,4,5,6,7,8,9,10,11,12,15,16,17,18,19,20,21,22
T34n	R26w	3,4,5,6,7,8,9,10,15,16,17,18,19,20,21,22,27,28,29,30,31, 32,33,34
T34n	R27w	23,24,25,26,31,32,33,34,35,36
T34n	R28w	4,5,6,7,8,9,16,17,18,19,20,21,28,29,30,31,32,33,34,35,36
T35n	R28w	3,4,5,8,9,10,15,16,17,20,21,22,27,28,29,32,33,34
T36n	R28w	15,16,17,20,21,22,27,28,29,32,33,34,35
CHRISTIAN CO	YTNUC	
T27n	R21w	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22, 23,24,25,26,27,28,29,30,33,34,35,36
T27n	R22w	1,2,3,10,11,12,13,14,15,22,23,24,25,26,35,36
T27n	R23w	7,8,9,16,17,18,19,20,21,28,29,30
T27n	R24w	3,4,9,10,11,12,13,14,15,16,17,20,21,22,23,24,28,29,32,33
T28n	R21w	31,32,33,34
T28n	R21w	Certificate granted per Case No. GA-2005-0053, limited to that area located south of Southern View Road, as that road is situated on October 20, 2004, within Sections 35 and 36
T28n	R22w	33,34,35,36

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

Spire Missouri Inc. d/b/a/ Spire

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TOWNSHIP	RANGE	SECTIONS
CLAY COUNT	Υ	
T50n	R31w	2,3,7,10,11,18
T50n	R32w	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,17,18,23,24
T50n	R33w	1,2,3,10,11,12,13,14,21,22,23,24,26,27,28
T51n	R30w	5,6
T51n	R31w	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,
		23,24,25,26,27,28,29,30,31,32,33,34,35,36
T51n	R32w	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,
T- 4	Doo	23,24,25,26,27,28,29,30,31,32,33,34,35,36
T51n	R33w	1,2,3,10,11,12,13,14,15,22,23,24,25,26,27,34,35,36
T52n	R30w	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22, 29.30.31.32
T52n	R31w	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,
		23,24,25,26,27,28,29,30,31,32,33,34,35,36
T52n	R32w	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,
		23,24,25,26,27,28,29,30,31,32,33,34,35,36
T52n	R33w	1,2,3,10,11,12,13,14,15,22,23,24,25,26,27,34,35,36
T53n	R30w	1,2,12,13,14,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,
		33,34,35,36
T53n	R31w	1,2,11,12,13,14,15,16,21,22,23,24,25,26,27,28,29,30,31,32,
		33,34,35,36
T53n	R32w	25,26,27,28,29,30,31,32,33,34,35,36
T53n	R33w	1,2,3,10,11,12,13,14,15,22,23,24,25,26,27,34,35,36
T54n	R30w	35,36
T54n	R31w	35,36
T54n	R33w	34,35,36

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ISSUED BY: C. Eric Lobser, VP, Regulatory & Governmental Affairs

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TOWNSHIP	RANGE	SECTIONS
CLINTON CO	UNTY	
T54n	R31w	1,2,11,12,13,14,23,24,25,26
T54n	R33w	1,2,3,10,11,12,13,14,15,22,23,24,25,26,27
T55n	R30w	6,7,18,19,30,31
T55n	R31w	1,12,13,23,24,25,26,35,36
T55n	R33w	1,2,3,10,11,12,13,14,15,22,23,24,25,26,27,34,35,36
T56n	R30w	3,4,5,8,9,10,15,16,17,19,20,21,22,28,29,30,31,32,33
T56n	R31w	24,25,36
T56n	R33w	25,26,27,34,35,36
T57n	R30w	19,20,21,22,23,24,25,26,27,28,33,34
T57n	R31w	19,20,21,22,23,24
T57n	R32w	20,21,22,23,24
COOPER COUNTY		
T47n	R18w	4,5
T48n	R18w	32,33

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TOWNSHIP	RANGE	SECTIONS	
DADE COUNT	ΓΥ		
T30n	R26w	5,6	
T30n	R27w	1,2,3,4,5,6	
T30n	R28w	1,2,3,4,5,6	
T30n	R29w	1	
T31n	R26w	7,8,17,18,19,20,29,30,31,32	
T31n	R27w	11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,	
		30,31,32,33,34,35,36	
T31n	R28w	3,4,5,6,7,8,9,10,13,14,15,16,17,18,19,20,21,22,23,24,25,26,	
		27,28,29,30,31,32,33,34,35,36	
T31n	R29w	24,25,36	
T32n	R28w	3,4,5,6,7,8,9,10,15,16,17,18,19,20,21,22,27,28,29,30,31,32,	
		33,34	
T33n	R28w	27,28,29,30,31,32,33,34	
DEKALB COUNTY			
T57n	R30w	11,12,13,14,15,16,17,18	
T57n	R31w	7,8,9,10,11,13,14,15,16,17,18	
T57n	R32w	8,9,10,11,12,13,14,15,16,17	

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

Spire Missouri Inc. d/b/a/ Spire

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TOWNSHIP	RANGE	SECTIONS	
GREENE COL	JNTY		
T28n	R21w	30	
T28n	R22w	13,14,23,24,25	
T28n	R23w	2,3,10,11,14,15,16,17,18,19,20,21,22,23,29,30	
T28n	R23w	28 Certificate granted per Case No. GA-2005-0107	
T28n	R24w	24	
T29n	R23w	2,3,4,5,6,7,8,9,10,11,14,15,16,17,18,19,20,21,22,23,26,27 28,29,30,34,35	
T29n	R24w	1,2,3,4,12,13,24,25	
T30n	R22w	31 Certificate granted per Case No. GA-2004-0241	
		Limited to that area located West of U.S. Highway 160 (as that highway is situated as of February 4, 2004) within Section 31, T30n, R22w, in Greene County, Missouri.	
T30n	R23w	19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36	
T30n	R24w	1,2,3,4,5,8,9,10,11,12,13,14,15,16,17,20,21,22,23,24,25,	
		26,27,28,29,32,33,34,35,36	
T31n	R24w	13,14,15,16,17,20,21,22,23,24,25,26,27,28,29,32,33,34, 35,36	
T28n	R21w	29 Line Certificate granted per Case No. GA-2003-0492 - Beginning at a point on the Southern section line of said section 50 feet East of the Southwest corner of said section, proceeding East along the Southern section line of said section for a distance of 50 feet; thence North to an intersection with the current location of Southern Star Central's pipeline, thence West a distance of 50 feet, thence South to the point of beginning.	
HENRY COUNTY			
T43n	R24w	1,2,11,12	
T44n	R24w	35,36	
14411	112411	33,30	
HOWARD CO	UNTY		
T50n	R16w	1,2,3,10,11,12,13,14,15,23,24	
T51n	R16w	2,3,4,9,10,11,14,15,16,17,20,21,22,23,26,27,28,29,34,35,36	
T52n	R16w	26,27,28,33,34,35	
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For: Spire Missouri West

TOWNSHIP	RANGE	SECTIONS
JACKSON CO	UNTY	
T47n	R29w	7,18,19,20,29,30
T47n	R30w	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22, 23,24,25,26
T47n	R31w	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22, 23,24,26,27,28,29,30,31,32,33,34,35
T47n	R32w	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22, 23,24,25,26,27,28,29,30,31,32,33,34,35,36
T47n	R33w	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22, 23,24,25,26,27,28,29,30,31,32,33,34,35,36
T48n	R29w	4,5,6,8,9
T48n	R30w	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22, 23,24,25,26,27,28,29,30,31,32,33,34,35,36
T48n	R31w	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22, 23,24,25,26,27,28,29,30,31,32,33,34,35,36
T48n	R32w	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22, 23,24,25,26,27,28,29,30,31,32,33,34,35,36
T48n	R33w	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22, 23,24,25,26,27,28,29,30,31,32,33,34,35,36

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TOWNSHIP	RANGE	SECTIONS
JACKSON CO	UNTY (continue	d)
T49n	R29w	18,19,28,29,30,31,32,33
T49n	R30w	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,
		23,24,25,26,27,28,29,30,31,32,33,34,35,36
T49n	R31w	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,
		23,24,25,26,27,28,29,30,31,32,33,34,35,36
T49n	R32w	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,
		23,24,25,26,27,28,29,30,31,32,33,34,35,36
T49n	R33w	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,
		23,24,25,26,27,28,29,30,31,32,33,34,35,36
T50n	R30w	13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,
		32,33,34,35,36
T50n	R31w	8,9,10,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,
		32,33,34,35,36
T50n	R32w	4,5,6,7,8,9,13,14,17,18,22,23,24,25,26,27,28,29,30,31,32,
		33,34,35,36
T50n	R33w	1,2,3,4,5,8,9,10,11,12,13,14,16,21,22,23,24,25,26,27,28,
		31,32,33,34,35,36
T51n	R31w	32,33

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TOWNSHIP	RANGE	SECTIONS
JASPER COL	JNTY	
T27n	R29w	7,8,9,17,18
T27n	R32w	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18
T27n	R33w	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18
T27n	R34w	1,2,11,12,13,14
T28n	R30w	6,7,18
T28n	R31w	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22
T28n	R32w	1,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,
		26,27,28,29,30,31,32,33,34,35,36
T28n	R33w	2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,
		23,24,25,26,27,28,29,30,31,32,33,34,35,36
T28n	R34w	1,2,3,10,11,12,13,14,15,22,23,24,25,26,35,36
T29n	R30w	31
T29n	R31w	4,5,8,9,16,17,20,21,28,29,31,32,33,34,35,36
T29n	R32w	5,8,9,10,15,16,17,36
T29n	R33w	31,32,33
T29n	R34w	34,35,36
T30n	R30w	18,19
T30n	R31w	13,14,15,22,23,24,25,26,27,34,35

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TOWNSHIP	RANGE	SECTIONS
JOHNSON CO	DUNTY	
T45n	R25w	6
T45n	R26w	1
T45n	R28w	2,3,6,10,11,14,15
T45n	R29w	1
T46n	R24w	14,15,16,21,22,23,27,28,33,34,35
T46n	R25w	17,18,19,20,29,30,31,32,33,34,35,36
T46n	R26w	11,12,13,14,15,16,17,20,21,22,23,24,25,26,27,35,36
T46n	R27w	25,36
T46n	R28w	31
T46n	R29w	36

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TOWNSHIP	RANGE	SECTIONS
LAFAYETTE C	OUNTY	
T48n	R24w	1,3,4,5,9,12
T48n	R27w	6,7
T48n	R28w	1,2,3,4,5,6,11,12
T48n	R29w	1,2,3,10
T49n	R24w	32,33
T49n	R25w	6
T49n	R26w	1,2,11,12
T49n	R27w	31
T49n	R28w	31,32,33,34,35,36
T49n	R29w	34,35,36
T50n	R24w	24,25,27,28,33,34
T50n	R25w	26,30,31,32
T50n	R26w	25,36
T51n	R24w	14,15,22,23

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TOWNSHIP	RANGE	SECTIONS
LAWRENCE C	OUNTY	
T26n	R25w	1,2,6,7,8,17,18,19
T26n	R26w	1,2,4,8,9,11,12,13,14,16,17,23,24
T26n	R27w	5,8,17,19,20,21,28,29,30
T26n	R28w	9,16,20,21,25,26,28,29
T27n	R25w	25,34,35,36
T27n	R26w	5,6,8,16,17,21,28,33
T27n	R27w	28,29,32
T28n	R26w	19,29,30,31,32
T28n	R27w	24,25,36
MCDONALD C	OUNTY	
T21n	R31w	7
T21n	R32w	2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,21,22
T21n	R33w	1,2,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,
		25,26,27,34,35,36
T21n	R34w	3,4,9,10,11,13,14,15,16,21,22,23,24,27,28,33,34
T22n	R32w	4,5,6,7,8,9,16,17,18,19,20,21,26,27,28,29,30,31,
		32,33,34,35,36
T22n	R33w	1,2,11,12,13,14,23,24,25,26,35,36
T22n	R34w	27,28,33,34
T23n	R32w	4,5,6,7,8,9,16,17,18,19,20,21,28,29,30,31,32,33
T23n	R33w	1,12,13,24,25,36

Unless specifically noted otherwise, all certificates held by the Company are Area Certificates

DATE OF ISSUE: March 20, 2018 DATE EFFECTIVE: April 19, 2018

ISSUED BY: C. Eric Lobser, VP, Regulatory & Governmental Affairs

INDEX OF CERTIFICATED AREAS

For: Spire Missouri West

TOWNSHIP	RANGE	SECTIONS
MONITEAU CO	R16w	15
T45n	R17w	14,15,16,21,22
NEWTON COL	JNTY	
T24n	R32w	4,5,8,9,10,11,13,14,15,16,17,20,21,22,23,24
T24n	R34w	8,9
T25n	R31w	18,19,20,29,30,31,32
T25n	R32w	10,13,14,15,22,23,24,25,26,35,36
T25n	R34w	1,2,11,12,13,14,23,24,25,26,35,36
T26n	R29w	2,3,5,10,11
T26n	R31w	3,4,9,10,16
T26n	R32w	2,3,4,5,6,7,8,9
T26n	R33w	1,2,3,4,5,6,7,8,9,10,11,12
T26n	R34w	1,2,11,12,13,14,23,24,25,26,35,36
T27n	R29w	20,29,32
T27n	R32w	19,20,21,22,23,24,26,27,28,29,30,31,32,33,34,35
T27n	R33w	19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36
T27n	R34w	23,24,25,26,35,36

Unless specifically noted otherwise, all certificates held by the Company are Area Certificates

DATE OF ISSUE: March 20, 2018 DATE EFFECTIVE: April 19, 2018

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

INDEX OF CERTIFICATED AREAS

For: Spire Missouri West

TOWNSHIP	RANGE	SECTIONS
PETTIS COUN	TY	
T43n	R23w	6,7
T44n	R23w	31
T46n	R23w	11,14,15,22,23
T47n	R22w	13,14,23,24,25,26
T48n	R22w	32
PLATTE COUN	NTY	
T50n	R33w	4,5,6,7,8,9
T51n	R33w	4,5,6,7,8,9,16,17,18,19,20,21,28,29,30,31,32,33
T51n	R34w	1,2,3,4,5,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23, 24,25,26,27,28,29,30,31,32,33,34,35,36
T51n	R35w	11,12
T52n	R33w	7,8,9,16,17,18,19,20,21,28,29,30,31,32,33
T52n	R34w	7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,
		23,24,25,26,27,28,29,30,31,32,33,34,35,36
T52n	R35w	7,8,9,10*,11*,12*,13,14
T52n	R36w	12
T54n	R33w	4,5,6,7,8,9,16,17,18,19,20,21,28
T54n	R34w	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22, 23,24,28,29,30,31,32,33
T54n	R35w	1,2,3,4,5,8,9,10,11,12,13,14,15,16,17
T55n	R34w	31
T55n	R35w	32,33,34,35,36

^{*} In accordance with the Report and Order in GA-2007-0289, Spire West will provide notice to Empire District Gas Company and the Staff of the Missouri Public Service Commission regarding any future development and expansion in these sections.

Unless specifically noted otherwise, all certificates held by the Company are Area Certificates

DATE OF ISSUE: March 20, 2018 DATE EFFECTIVE: April 19, 2018

ISSUED BY: C. Eric Lobser, VP, Regulatory & Governmental Affairs

Spire Missouri Inc. d/b/a/ Spire

INDEX OF CERTIFICATED AREAS

TOWNSHIP	RANGE	SECTIONS		
RAY COUNTY				
T52n	R29w	3,4,5,6,7,8,9,10		
T53n	R29w	5,6,7,18,19,30,31,32,33,34		
T54n	R29w	31,32		
SALINE COUN	TY			
T48n	R23w	2,3,6,7,10,11,12,14,15		
T50n	R23w	11,12,13,14,19,30		
T51n	R20w	1,2,3,10,11,12,14,15,16,19,20,21,22,27,28,29,30		
T51n	R21w	24,25,26,33(SE ¼),34,35,36(NW ¼)		
STONE COUN	TY			
T25n	R24w	3,4,5,8,9		
T26n	R24w	4,5,8,9,16,17,20,21,28,29,32,33,34		
VERNON COUNTY				
T34n	R31w	13,14,23,24,25,26,27,34,35,36		

Unless specifically noted otherwise, all certificates held by the Company are Area Certificates

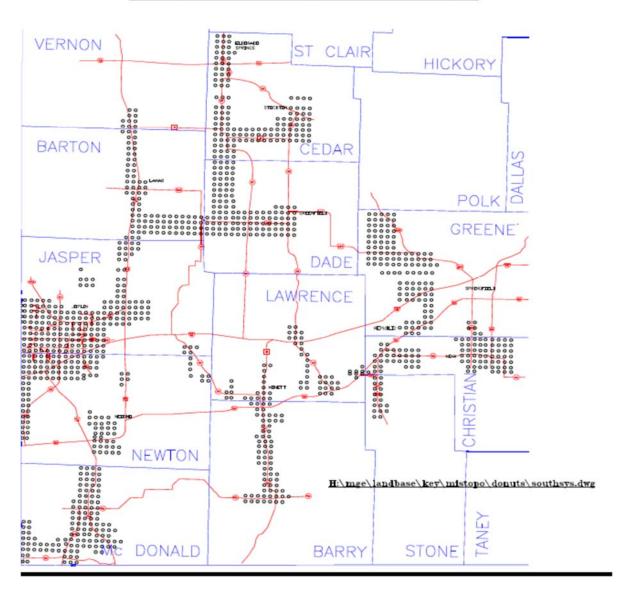
DATE OF ISSUE: March 20, 2018 DATE EFFECTIVE: April 19, 2018

ISSUED BY: C. Eric Lobser, VP, Regulatory & Governmental Affairs

For: Spire Missouri West

MAPS OF CERTIFICATED AREAS

MGE SOUTHER



DATE OF ISSUE: March 20, 2018 DATE EFFECTIVE: April 19, 2018

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

For: Spire Missouri West

MAPS OF CERTIFICATED AREAS DAVISON. MACON LINN LMNGSTON³ CALDWELL CARROLL CHARITON RAY HOWARD LAFAYETTE COOPER JOHNSON PETT/S MORGAN ВЕМПОМ BATES HENRY

DATE OF ISSUE: March 20, 2018 DATE EFFECTIVE: April 19, 2018

ISSUED BY: C. Eric Lobser, VP, Regulatory & Governmental Affairs

Spire Missouri Inc. d/b/a/ Spire

CONVERSION TO CCF MEASUREMENT

CCF BILLING

As a result of the Commission's order in Case No. GR-98-140, Spire Missouri West converted to the measurement and billing of natural gas consumption in hundred cubic feet increments (Ccf).

DATE OF ISSUE: March 20, 2018 DATE EFFECTIVE: April 19, 2018

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

For: Spire Missouri West

SALE OR TRANSPORTATION OF NATURAL GAS CONTRACT

CONTRACT FOR SALE or TRANSPORTATION OF NATURAL GAS
THIS AGREEMENT, made this day of, 19, between SPIRE MISSOURI WEST, hereinafter referred to as "Company", hereinafter referred to as "Customer". WITNESSETH: That Company owns and operates facilities for the distribution, sale and transportation of natural gas and Customer desires to transport natural gas through Company's distribution facilities. NOW, THEREFORE, for and in consideration of the mutual covenants, and agreements hereof, Company and Customer have agreed and do hereby covenant and agree each with the other as follows, to wit:
1. Subject to all the terms and conditions of this Contract, Company agrees to sell to or transport for Customer and Customer agrees to transport through Company, natural gas for use at its facility at, at the rates and charges due and payable therefore pursuant to the Company's applicable Gas Rate Schedule LV, a copy of which is attached hereto and made a part hereof by reference, and upon the terms and conditions set forth in such Rate Schedule and in the Company's "General Terms and Conditions for Gas Service," all as now on file with the regulatory authority having jurisdiction herein, and as amended, reissued and made effective from time to time as provided by law. Company shall provide a copy of "General Terms and Conditions" upon request.
Customer's level of maximum daily requirements (hereinafter referred to as "Contract Demand") is Ccf per day. Such Contract Demand shall be used to allocate any demand, gas reservation, capacity, or other similar charge incurred by Company in order to obtain natural gas supplies for Customer. Customer may elect to amend its Contract Demand level effective on each November 1 beginning in by providing at least 180 days prior written notice to Company in the form of a "Contract Demand Level Amendment" which shall be provided upon request.

DATE OF ISSUE: March 20, 2018 DATE EFFECTIVE: April 19, 2018

ISSUED BY: C. Eric Lobser, VP, Regulatory & Governmental Affairs

For: Spire Missouri West

SALE OR TRANSPORTATION OF NATURAL GAS CONTRACT

for tra tariffs	from wise be subsequently agree ansportation as a single loca	delided by the parties hereto. distribution and elect to have (egulatory authority havi	very location Customer may have Company transport ring jurisdiction. In the	neir existing facility located at, or as may e various accounts that qualify natural gas in accordance with nat event, the service address, a shall be as follows:
	SERVICE ADDRESS	ACCOUNT NO.	RATE	METER NO.
01				
	ngle Locations Amendment".			ified for Sale or Transportation

- 4. Should Company be requested by Customer to install new facilities in order to provide deliveries hereunder or to expand its existing facilities, the special conditions under which such investment will be recovered from Customer are as set forth in a "Special Conditions Amendment" to be attached when applicable.
- 5. This Contract shall continue from the date of execution through the next October 31. This contract shall continue thereafter from year to year until terminated by either party giving written notice at least 180 days prior to the November 1st renewal date, provided however, Company may terminate or suspend its obligations under this Contract as provided for in its General Terms and Conditions.
- 6. Nothing contained herein shall be construed as affecting in any way the right of Company to unilaterally make application for a change in its rates or General Terms and Conditions to the regulatory authority having jurisdiction; provided customer shall have the right to protest any changes.

DATE OF ISSUE: March 20, 2018 DATE EFFECTIVE: April 19, 2018

ISSUED BY: C. Eric Lobser, VP, Regulatory & Governmental Affairs

SALE OR TRANSPORTATION OF NATURAL GAS CONTRACT

For: Spire Missouri West

CONTRACT FOR SALE or TRANSPORTATION OF NATURAL GAS (continued)

- 7. This Contract, and the rates and service hereunder, shall be subject to regulation by the regulatory authority having jurisdiction; to all applicable present and future state and federal laws; and to all rules, regulations, and orders of any other regulatory authority having jurisdiction of the subject matter or either of the parties hereto.
- 8. Company shall use reasonable diligence to provide a regular supply of natural gas subject to the priority of service provisions and other terms of Company's filed tariffs, but does not guarantee such supply. Company does not assume responsibility for interruption of service, whether caused by inadequacy of supply, equipment, facilities or because of uncontrollable forces, except when such interruption is the result of reckless, willful or wanton acts of Company, its agents or employees.
- 9. The provisions of this Contract shall not be changed except in writing duly signed by Company and Customer; however, the Contract is subject to valid orders of legally constituted regulatory bodies having jurisdiction of the Company's rates.
- 10. No waiver by either party of any one or more defaults by the other in the performance of any provisions of this Contract shall operate or be construed as a waiver of any future defaults, whether of a like or of a different character.
- 11. This contract shall insure to the benefit of and be binding upon the parties hereto, their respective successors and assigns.

DATE OF ISSUE: March 20, 2018 DATE EFFECTIVE: April 19, 2018

ISSUED BY: C. Eric Lobser, VP, Regulatory & Governmental Affairs

For: Spire Missouri West

SALE OR TRANSPORTATION OF NATURAL GAS CONTRACT

CONTRACT FOR SALE or TRANSPORTATION OF NATURAL GAS (continued)

12. This Contract sets forth the only agreements between the Company and Customer and all prior agreements, contracts or other mutual understandings whether oral or in writing shall be considered canceled as of the date of this Contract.

IN WITNESS WHEREOF, the parties hereto have executed this Contract in duplicate the day and year first

DATE OF ISSUE: March 20, 2018 DATE EFFECTIVE: April 19, 2018

ISSUED BY: C. Eric Lobser, VP, Regulatory & Governmental Affairs

For: Spire Missouri West

LGS TRANSPORTATION of NATURAL GAS CONTRACT

CONTRACT FOR TRANSPORTATION OF NATURAL GAS			
THIS AGREEMENT, made this day of, 19, between SPIRE MISSOURI WEST, hereinafter referred to as "Company", hereinafter referred to as "Customer". WITNESSETH: That Company owns and operates facilities for the distribution, sale and transportation of natural gas and Customer desires to transport natural gas through Company's distribution facilities. NOW, THEREFORE, for and in consideration of the mutual covenants, and agreements hereof, Company and Customer have agreed and do hereby covenant and agree each with the other as follows, to wit:			
1. Subject to all the terms and conditions of this Contract, Company agrees to sell to or transport for Customer and Customer agrees to transport through Company, natural gas for use at its facility at, at the rates and charges due and payable therefore pursuant to the Company's applicable Gas Rate Schedule LGS, a copy of which is attached hereto and made a part hereof by reference, and upon the terms and conditions set forth in such Rate Schedule and in the Company's "General Terms and Conditions for Gas Service," all as now on file with the regulatory authority having jurisdiction herein, and as amended, reissued and made effective from time to time as provided by law. Company shall provide a copy of "General Terms and Conditions" upon request. 2. Customer shall receive transportation service from Company at their existing facility located at from delivery location, or as may otherwise be subsequently agreed by the parties hereto. Customer may have various accounts that qualify for transportation as a single location and elect to have Company transport natural gas in accordance with tariffs filed by Company with the regulatory authority having jurisdiction. In that event, the service address,			
account number and rate schedule of each account to receive transportation shall be as follows: SERVICE ADDRESS ACCOUNT NO. RATE METER NO.			
SERVICE ADDRESS ACCOUNT NO. KATE METER NO.			
Changes to qualifying accounts shall be made by completing "Accounts Qualified for Sale or Transportation at Single Locations Amendment".			

DATE OF ISSUE: March 20, 2018 DATE EFFECTIVE: April 19, 2018

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

TRANSPORTATION OF NATURAL GAS CONTRACT

For: Spire Missouri West

CONTRACT FOR TRANSPORTATION OF NATURAL GAS (continued)

- 3. Should Company be requested by Customer to install new facilities in order to provide deliveries hereunder or to expand its existing facilities, the special conditions under which such investment will be recovered from Customer are as set forth in a "Special Conditions Amendment" to be attached when applicable.
- 4. This Contract shall continue for a period of one year from the date of execution. This contract shall continue thereafter from year to year until terminated by either party giving written notice at least 180 days prior to the renewal date, provided however, Company may terminate or suspend its obligations under this Contract as provided for in its General Terms and Conditions.
- 5. Nothing contained herein shall be construed as affecting in any way the right of Company to unilaterally make application for a change in its rates or General Terms and Conditions to the regulatory authority having jurisdiction; provided customer shall have the right to protest any changes.

DATE OF ISSUE: March 20, 2018 DATE EFFECTIVE: April 19, 2018

ISSUED BY: C. Eric Lobser, VP, Regulatory & Governmental Affairs

Spire Missouri Inc. d/b/a/ Spire

TRANSPORTATION OF NATURAL GAS CONTRACT

CONTRACT FOR TRANSPORTATION OF NATURAL GAS (continued)

- 6. This Contract, and the rates and service hereunder, shall be subject to regulation by the regulatory authority having jurisdiction; to all applicable present and future state and federal laws; and to all rules, regulations, and orders of any other regulatory authority having jurisdiction of the subject matter or either of the parties hereto.
- 7. Company shall use reasonable diligence to provide a regular supply of natural gas subject to the priority of service provisions and other terms of Company's filed tariffs, but does not guarantee such supply. Company does not assume responsibility for interruption of service, whether caused by inadequacy of supply, equipment, facilities or because of uncontrollable forces, except when such interruption is the result of reckless, willful or wanton acts of Company, its agents or employees.
- 8. The provisions of this Contract shall not be changed except in writing duly signed by Company and Customer; however, the Contract is subject to valid orders of legally constituted regulatory bodies having jurisdiction of the Company's rates.
- 9. No waiver by either party of any one or more defaults by the other in the performance of any provisions of this Contract shall operate or be construed as a waiver of any future defaults, whether of a like or of a different character.
- 10. This contract shall inure to the benefit of and be binding upon the parties hereto, their respective successors and assigns.

DATE OF ISSUE: March 20, 2018 DATE EFFECTIVE: April 19, 2018

ISSUED BY: C. Eric Lobser, VP, Regulatory & Governmental Affairs

For: Spire Missouri West

TRANSPORTATION OF NATURAL GAS CONTRACT

CONTRACT FOR TRANSPORTATION OF NATURAL GAS (continued)

11. This Contract sets forth the only agreements between the Company and Customer and all prior agreements, contracts or other mutual understandings whether oral or in writing shall be considered canceled as of the date of this Contract.

IN WITNESS WHEREOF, the parties he above written.	ereto have executed this Contract in duplicate the day and year first
	SPIRE MISSOURI INC., SPIRE MISSOURI WEST
Ву	Ву
ATTEST:	ATTEST:
	Legal Department Approval

DATE OF ISSUE: March 20, 2018 DATE EFFECTIVE: April 19, 2018

ISSUED BY: C. Eric Lobser, VP, Regulatory & Governmental Affairs

For: Spire Missouri West

<u>CONTR</u>	ACT FOR SCHOOL TRANSPORTA	ATION PROGRAM
referred to as "Customer". WITNESSETH: TI transportation of natural gas profit association, through C NOW, THEREFORI	nat Company owns and operates for and Customer desires to transport na ompany's distribution facilities. E, for and in consideration of the mutu	decilities for the distribution, sale and atural gas, purchased through a not-forual covenants, and agreements hereof, d agree each with the other as follows,
and Customer agrees to,Co payable pursuant to the Com incorporated by reference, a Company's "General Terms having jurisdiction herein, ar law. Company shall provide	transport through Company, naturally ompany account number	
	ive transportation service from Compa from	delivery location
Customer may have various Company transport natural g	as in accordance with tariffs filed by C vent, the service address, account nun	n as a single location and elect to have ompany with the regulatory authority
SERVICE ADDRESS	ACCOUNT NO.	RATE

DATE OF ISSUE: March 20, 2018 DATE EFFECTIVE: April 19, 2018

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

Spire Missouri Inc. d/b/a/ Spire

CONTRACT FOR SCHOOL TRANSPORTATION PROGRAM

- 3. Customer agrees to pay local gross receipts taxes, or local franchise taxes, or other similar local fees or taxes, in a manner similar to the way such taxes would be paid if gas service were not taken under the school transportation program.
- 4. Customer understands and agrees that billing for gas service under the school transportation program will occur through the not-for-profit school association, or its designated agent. Customer understands and agrees that it remains responsible for charges for gas service taken under the school transportation program. The name of the not-for-profit school association through which customer is purchasing its natural gas supplies to be transported over the Company's facilities under this school transportation program is:

______. Customer hereby authorizes the above-named not-for-profit school association, or its designated agent, with usage and account information as necessary to administer gas service under the school transportation program.

- 5. Should Company be requested by Customer to install new facilities in order to provide deliveries hereunder or to expand its existing facilities, the special conditions under which such investment will be recovered from Customer are as set forth in a "Special Conditions Amendment" to be attached when applicable.
- 6. This Contract shall continue from the date of execution through the next October 31. This contract shall continue thereafter from year to year until terminated by either party giving written notice at least 180 days prior to the November 1st renewal date, provided however, Company may terminate or suspend its obligations under this Contract as provided for in its General Terms and Conditions.

DATE OF ISSUE: March 20, 2018 DATE EFFECTIVE: April 19, 2018

ISSUED BY: C. Eric Lobser, VP, Regulatory & Governmental Affairs

Spire Missouri Inc. d/b/a/ Spire

CONTRACT FOR SCHOOL TRANSPORTATION PROGRAM

- 7. Nothing contained herein shall be construed as affecting in any way the right of Company to unilaterally make application for a change in its rates or General Terms and Conditions to the regulatory authority having jurisdiction; provided customer shall have the right to protest any changes.
- 8. This Contract, and the rates and service hereunder, shall be subject to regulation by the regulatory authority having jurisdiction; to all applicable present and future state and federal laws; and to all rules, regulation, and orders of any other regulatory authority having jurisdiction of the subject matter or either of the parties hereto.
- 9. Company shall use reasonable diligence to provide a regular supply of natural gas subject to the priority of service provisions and other terms of Company's filed tariffs, but does not guarantee such supply. Company does not assume responsibility for interruption of service, whether caused by inadequacy of supply, equipment, facilities or because of uncontrollable forces, except when such interruption is the result of reckless, willful or wanton acts of Company, its agents or employees.
- 10. The provisions of this Contract shall not be changed except in writing duly signed by Company and Customer; however, the contract is subject to valid orders of legally constituted regulatory bodies having jurisdiction of the Company's rates.
- 11. No waiver by either party of any one or more defaults by the other in the performance of any provisions of this Contract shall operate or be construed as a waiver of any future defaults, whether or a like or of a different character.
- 12. This contract shall inure to the benefit of and be binding upon the parties hereto, their respective successors and assigns.
- 13. This Contract sets forth the only agreements between the Company and Customer and all prior agreements, contracts or other mutual understandings whether oral or in writing shall be considered canceled as of the date of this Contract.

DATE OF ISSUE: March 20, 2018 DATE EFFECTIVE: April 19, 2018

ISSUED BY: C. Eric Lobser, VP, Regulatory & Governmental Affairs

For: Spire Missouri West

CONTRACT FOR SCHOOL TRANSPORTATION PROGRAM

IN WITNESS WHEREOF, the parties hereto have above written.	executed this Contract in duplicate the day and year first
	SPIRE MISSOURI INC., SPIRE MISSOURI WEST
Ву	By
ATTEST:	ATTEST:
	Legal Department Approval

DATE EFFECTIVE: April 19, 2018 DATE OF ISSUE: March 20, 2018

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