

Spire Missouri Inc. d/b/a/ Spire

For: Spire Missouri East

WEATHER NORMALIZATION ADJUSTMENT RIDER
WNA

APPLICABILITY

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

CALCULATION OF ADJUSTMENT

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

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

Staff Exhibit No. 205
 Date 1-15-19 Reporter BjB
 File No. 60-2019-0058
60-2019-0059

Where:

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

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 \$0.23330. The WRVR for each of the summer billing months (May through October) shall be determined at the conclusion of each general rate case as the percentage of total residential customers whose usage ends in the first rate block multiplied by the volumetric rate of that block plus the percentage of total residential customers whose usage ends in the second rate block multiplied by the volumetric rate of that block. Currently effective summer WRVR's are reflected in the table below:

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

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

FILED
 Missouri Public
 Service Commission
 GR-2017-0215; YG-2018-0117

Spire Missouri Inc. d/b/a/ Spire

For: Spire Missouri East

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 determinants set for the residential rate class in the most recent rate case.

4. Semiannual Reconciliation Rate ("SRR"): Two (2) months prior to the end of the twelve (12) months of billing of each CSWNA, the over- or under-billing of the numerator of the CSWNA shall be calculated based on ten (10) months actual sales and two (2) months projected sales. The amount of over- or under-billing shall be adjusted as ordered by the Commission, if applicable. The resulting amount shall be divided by the annual volumetric billing determinates set for the residential rate class in the most recent rate case. Two (2) months prior to the end of the twelve (12) months of billing of each SRR, the over- or under-billing of the SRR shall be calculated based on ten (10) months actual sales and two (2) months projected sales. Any remaining over- or under-billing from the SRR shall be applied to the next SRR. The two (2) months projected sales associated with each CSWNA and SSR shall be trued-up with actuals upon calculation of the next applicable SSR.

5. The Company will make a semiannual rate filing with the Commission 30 days prior to the first effective day referenced in the CSWNA table to adjust the WNA Rider. Each CSWNA and SRR will remain in effect for twelve (12) months. The total WNA Rider rate shall be the sum of all effective CSWNAs and SRRs.

6. There shall be a limit of \$0.05 per therm on upward adjustments for the WNA and no limit on downward adjustment. Any WNA adjustments amounts in excess of \$0.05 per therm will be deferred for recovery from customers in the next WNA adjustment and applicable to part a. below.

a. Each month, carrying costs, at a simple rate of interest equal to the prime bank lending rate (as published in The Wall Street Journal on the first business day of such month), minus two percentage points, shall be applied to the Company's average beginning and ending monthly WNA balances. In no event shall the carrying cost rate be less than 0%. Corresponding interest income and expense amounts shall be recorded on a net cumulative basis for the WNA deferral period.

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

FILED
Missouri Public
Service Commission
GR-2017-0215; YG-2018-0117

Spire Missouri Inc. d/b/a/ Spire

For: Spire Missouri East

WEATHER NORMALIZATION ADJUSTMENT RIDER
WNAR

RATE:

CSWNA Table:

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

SRR Table:

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

WNA Rider Rate:

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

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

FILED
Missouri Public
Service Commission
GR-2017-0215; YG-2018-0117