

Spire Missouri Inc. d/b/a/ Spire

For: Spire Missouri

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

**For service on and after January 1, 2022.**

**APPLICABILITY**

The Weather Normalization Adjustment Rider (“WNAR”) is applicable to each Ccf of gas delivered under the terms of the residential rate schedule throughout the service areas of Spire East and Spire West. The Rider will be applied as a separate line item on a customer’s bill.

The Company will make an annual rate filing by July 1 to adjust the WNA Rider with an effective date that coincides with the read date of the first September billing cycle. Staff will file its recommendation to the Commission regarding the filing by August 1.

The WNAR rate will remain in effect for the twelve (12) billing months beginning with the September billing month.

**CALCULATION OF ADJUSTMENT**

The Weather Adjustment to Usage (“WAU”) will be calculated for each billing cycle and billing month as follows:

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

Where:

- i = the applicable billing month
- WAU<sub>i</sub> = Weather Adjustment to usage for the billing month in Ccfs
- j = the billing cycle
- NDD<sub>ij</sub> = the total normal heating degree days for billing cycle j in billing month i based upon Staff’s daily normal weather as determined in the most recent rate case
- ADD<sub>ij</sub> = the total actual heating degree days, base 65° at St. Louis Lambert International Airport Weather Station (Spire East) and KCI Airport Weather Station (Spire West) for billing cycle j in billing month i
- C<sub>ij</sub> = the total number of customer charges charged in billing cycle j and billing month i
- β = the coefficient of 0.139660 for Spire East and the coefficient of 0.129828 for Spire West

The revenue adjustment (“RA”) for each billing month shall be calculated as follows

$$RA_i = WAU_i \times WRVR_i$$

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DATE OF ISSUE: January 20, 2023

DATE EFFECTIVE: February 19, 2023

ISSUED BY: Scott A. Weitzel, VP, Regulatory & Governmental Affairs  
Spire Missouri Inc., St. Louis, MO 63101

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CALCULATION OF ADJUSTMENT (Continued)

Where

WRVR = the Weighted Residential Variable Rate applicable to the billing month. For the winter billing months (November through April), the WRVR shall be equal to the Residential Winter Charge for Gas Used of \$0.36538 for Spire East and \$0.37404 for Spire West. The WRVR for each of the summer billing months (May through October) is the average of the volumetric rates weighted by the number of customers whose usage ends in that block as normalized in the last general rate case. The WRVR for each billing month is reflected in the table below:

Spire East

May	June	July	August	September	October
\$0.35385	\$0.33527	\$0.33253	\$0.33206	\$0.33481	\$0.33491

Spire West

May	June	July	August	September	October
\$0.34984	\$0.34219	\$0.34113	\$0.34106	\$0.34178	\$0.34172

CALCULATION OF WNAR RATE

The WNAR rate is the Total Recovery Amount (“TRA”) divided by the annual volumetric billing determinants set for the residential rate class in the most recent general rate case. For Spire East – 471,806,950 and for Spire West – 376,024,242.

The Total Recovery Amount (“TRA”) is the sum of the Annual Revenue Adjustment (“ARA”) and the True-up Amount (“TA”).

The Annual Revenue Adjustment (“ARA”) is the sum of the billing month revenue adjustment (“RA”) for each of 12 billing months ending with the May billing month.

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CALCULATION OF WNAR RATE (Continued)

The True-up Amount ("TA") will be the difference between the revenue billed through the WNAR and the ordered TRA for the recovery period. The revenue billed shall be the actual WNAR revenue billed for the billing months of September through May. The WNAR revenue billed for the billing months of June, July, and August shall be estimated using the volumetric billing determinates for those months as set in the last general rate case. These billing determinants are reflected in the table below:

Spire East

June	July	August
11,576,442	8,990,801	8,215,559

Spire West

June	July	August
8,875,407	6,355,281	5,854,349

**OTHER TERMS**

There shall be a limit of \$0.05 per Ccf on upward adjustments for the WNAR rate and no limit on downward adjustment. Any TRA not recovered due to this cap of \$0.05 per Ccf will be deferred for recovery from customers in the next recovery period.

Each month, interest at Spire's short-term borrowing rate shall be applied to the Company's average beginning and ending monthly TRA balances. Corresponding interest income and expense amounts shall be recorded on a net cumulative basis for the WNA deferral period.

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