

UNION ELECTRIC COMPANY GAS SERVICE

Applying to MISSOURI SERVICE AREA

RESIDENTIAL SERVICE RATE

Applicable to gas service to all residential customers as defined in Section I.H. of Company's Rules and Regulations. As indicated in Section IX., Resale of Service of Company's Rules and Regulations, this service may not be resold.

1. Monthly Customer and Volumetric Meter Reading Rates.

Customer Charge	\$15.00 per month
Delivery Charge	35.36¢ per Ccf

2. Minimum Monthly Charge. The Customer Charge.

3. Purchased Gas Adjustment. Applicable to all metered and/or billed Ccf, pursuant to the provisions of Rider A - Purchased Gas Adjustment Clause.

4. Yard Light Service. Any customer with an unmetered gas yard light will have 18 Ccf per month of gas added per light to each month's metered Ccf usage, for billing purposes. This unmetered yard light service is one of limited application. No new such unmetered service will be offered after February 18, 1998.

5. Seasonal Use. This schedule is a continuous service schedule. If service is disconnected at the request of the customer, and thereafter restored at the same location for the same occupant(s) within a six (6) month period following the date of the service disconnection, a reconnection charge will become due and payable when service is restored. The charge shall be computed by multiplying the Customer Charge by the number of months and fractions of months that service is disconnected, plus the Reconnection Charge as indicated in Section D. Miscellaneous Charges, Sheet No. 19. Customer shall not be billed the Customer Charge portion of Seasonal Use charge where a successor account for a Customer has been established at the premises during the interim period; however, the Reconnection Charge shall be applicable unless the premises was not subject to disconnection and reconnection during the entire interim period.

6. Payments. Bills are due and payable within twenty-one (21) days from date of bill and become delinquent thereafter. The date of rendition is the date of mailing by the Company. Late payment charges shall be determined pursuant to Section VIII.F. of Company's Rules and Regulations.

DATE OF ISSUE January 28, 2022 DATE EFFECTIVE February 28, 2022

ISSUED BY Mark C. Birk Chairman & President St. Louis, Missouri
Name of Officer Title Address

UNION ELECTRIC COMPANY GAS SERVICE

Applying to

MISSOURI SERVICE AREA

RESIDENTIAL SERVICE RATE (Con't.)

7. Term of Contract. Gas service will be provided under this rate for a period of not less than one year.
8. Tax Adjustment. Any license, franchise, gross receipts, occupation or similar charge or tax levied by any taxing authority on the amounts billed hereunder will be so designated and added as a separate item to bills rendered to customers under the jurisdiction of the taxing authority.
9. Delivery Charge Adjustment or Weather Normalization Adjustment Rider. Prior to October 31, 2022, the Delivery Charge Adjustment will be applicable to all metered and/or billed Ccf, pursuant to the provisions of Rider DCA - Delivery Charge Adjustment. After October 31, 2022, the Weather Normalization Adjustment Rider will be applicable to all metered and/or billed Ccf, pursuant to the provisions of the Rider WNAR - Weather Normalization Adjustment Rider.
10. Rules and Regulations. Service will be rendered in accordance with the Company's Rules and Regulations for Gas Service on file with the Missouri Public Service Commission.

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UNION ELECTRIC COMPANY GAS SERVICE

Applying to MISSOURI SERVICE AREA

GENERAL SERVICE RATE

Applicable to gas service to non-residential customers. As indicated in Section IX., Resale of Service of Company's Rules and Regulations, this service may not be resold.

1. Monthly Customer and Volumetric Meter Reading Rates.

Customer Charge	\$ 30.33	per month
Delivery Charge		
First 7,000 Ccf	32.51¢	Per Ccf
Over 7,000 Ccf	21.29¢	Per Ccf

2. Minimum Monthly Charge. The Customer Charge.

3. Purchased Gas Adjustment.

Applicable to all metered and/or billed Ccf, pursuant to the provisions of the Rider A - Purchased Gas Adjustment Clause.

4. Payments.

Bills are due and payable within twenty-one (21) days from date of bill and become delinquent thereafter. Pursuant to Section VIII.F. of Company's Rules and Regulations, any portion of any bill, other than deposit arrears, remaining unpaid after the delinquent date will have a late payment charge added thereto.

5. Term of Contract.

Gas service will be provided under this rate for a period of not less than one year.

6. Tax Adjustment.

Any license, franchise, gross receipts, occupation or similar charge or tax levied by any taxing authority on the amounts billed hereunder will be so designated and added as a separate item to bills rendered to customers under the jurisdiction of the taxing authority.

7. Delivery Charge Adjustment. Applicable to all metered and/or billed Ccf, pursuant to the provisions of Rider DCA - Delivery Charge Adjustment.

8. Rules and Regulations.

Service will be rendered in accordance with the Company's Rules and Regulations for Gas Service on file with the Missouri Public Service Commission.

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UNION ELECTRIC COMPANY GAS SERVICE

Applying to MISSOURI SERVICE AREA

INTERRUPTIBLE SERVICE RATE WITH AN ASSURANCE GAS OPTION

1. Availability.

Whenever, in Company's sole judgment, gas is available for interruptible service, Company will make such service available to any qualified non-residential customer. To qualify, customer shall either provide adequate standby facilities and fuel for its use during periods when gas service is interrupted or shall give Company satisfactory evidence of its ability and willingness to curtail or cease operations during interruption. Gas service under other rates cannot be used for the same process, facility or equipment served under this rate. As indicated in Section IX. Resale of Service of Company's Rules and Regulations, this service may not be resold.

2. Character of Service.

All gas delivery under this rate will be subject to interruption under Section 9. hereof and all gas consumed by customer during periods of non-interruption will be billed at the Interruptible Gas Delivery Charge, except for Assurance volumes as provided below. As a part of the contract for interruptible service, customer may request the Company to provide a specified daily quantity of firm sales gas to be available during periods of interruption, to be categorized as Assurance Gas and billed by Company at the Interruptible Gas Delivery Charge plus the Assurance Gas Surcharge and the firm Purchased Gas Adjustment (PGA) factor rate. For billing purposes Assurance Gas volumes shall be considered the first through the meter. Customer will be required to contract with Company, by June 1 of the initial contract year, for the daily quantity of Assurance Gas desired. Customer must notify Company of any changes in such Assurance Gas Level by June 1 of subsequent contract extension years. All other gas consumed by customer during any period of interruption shall be considered and billed by Company as Unauthorized Gas.

3. Monthly Customer and Volumetric Meter Reading Rates.

Customer Charge:	\$281.87	per month
Interruptible Gas Delivery Charge:		
First 7,000 Ccf	32.51¢	Per Ccf
Over 7,000 Ccf	17.48¢	Per Ccf
Assurance Gas Surcharge:		
First 250 Ccf per day	1.18¢	Per Ccf
All Over 250 Ccf per day	1.64¢	Per Ccf

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UNION ELECTRIC COMPANY GAS SERVICE

Applying to MISSOURI SERVICE AREA

INTERRUPTIBLE SERVICE RATE WITH AN ASSURANCE GAS OPTION

6. Payments.

Bills are due and payable within twenty-one (21) days from date of bill and become delinquent thereafter. Pursuant to Section VIII.F. of Company's Rules and Regulations, any portion of any bill, other than deposit arrears, remaining unpaid after the delinquent date will have a late payment charge added thereto.

7. Term of Contract.

Gas will be provided under this rate for a term of not less than one (1) year. Said term shall continue on a year-to-year basis thereafter unless cancelled by either customer or Company in writing at least sixty (60) days prior to contract termination.

8. Tax Adjustment.

Any license, franchise, gross receipts, occupation or similar charge or tax levied by any taxing authority on the amounts billed hereunder will be so designated and added as a separate item to bills rendered to customers under the jurisdiction of the taxing authority.

9. Rate Application.

Gas delivery under this rate shall be interrupted when in the Company's sole judgment it is necessary to limit the Company's system sendout or when the gas supply is limited by other system operating restrictions. Any interruption of service will be performed in accordance with the Curtailment of Service Schedule contained in the Company's Rules and Regulations.

Assurance Gas will be billed by Company during all months of the year as the first gas through the meter up to the Assurance Gas level. All additional gas consumed each day shall be considered as Interruptible Gas during non-interruptible periods and as Unauthorized Gas during periods of interruption.

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UNION ELECTRIC COMPANY GAS SERVICE

Applying to MISSOURI SERVICE AREA

NATURAL GAS TRANSPORTATION SERVICE

1. Availability.

This service schedule is available: 1) to all non-residential customers on a per meter basis and 2) to the premises of "Eligible School Entities," which are the eligible school entities as defined in Section 393.310 RSMo, 3) to the premises of eligible school entities as defined in Section 393.310 RSMo which were on sales service during the immediately preceding twelve (12) months ("New Eligible School Entities"). Such service is applicable to individual customers that can individually secure and arrange for the delivery of sufficient supplies of natural gas to the Company's designated city gate and to the Eligible School Entities and New Eligible School Entities that can do so through aggregate contracts negotiated by and through a not-for-profit school association. The Company will not provide this service to any customer who uses such gas primarily to heat premises that provides temporary or permanent living quarters for individuals, unless the customer demonstrates to the Company that it has contracted for primary firm capacity with the upstream supplying intrastate and/or interstate pipelines to meet the customer's peak needs, or unless the customer demonstrates to the Company that the customer has adequate and usable alternative fuel facilities to meet the customer's energy needs.

The "transportation customer" shall be responsible for the purchase and transportation of its gas needs to the Company's city gate which serves such customer.

The Company shall not sell gas to any of its transportation customers except as specifically provided for in this service classification.

2. Monthly Customer, EGM and Volumetric Meter Reading Rates

	<u>Standard Transportation(1)</u>	<u>Large Volume Transportation(2)</u>
Customer Charge:	\$30.23	\$1,527.31 per month
Electronic Gas Meter (EGM) Charges(3):		
Administrative Charge:	\$45.73	\$45.73 per month
Meter Equipment Charge:	Section G. Miscellaneous Charges Sheet No. 20, as applicable.	
Transportation Charge:		
First 7,000 Ccf	32.51¢ per Ccf	32.51¢ per Ccf
All Over 7,000 Ccf	18.15¢ per Ccf	15.61¢ per Ccf

- (1) A customer, at the date of its contract, whose annual transportation requirements are expected to be 600,000 Ccf or less.
- (2) A customer, at the date of its contract, whose annual transportation requirements are expected to be greater than 600,000 Ccf.
- (3) Not applicable, to the individual meters of Eligible School Entities, and New Eligible School Entities as defined in paragraph 1. above, using one hundred thousand Ccfs or less annually, and customers with advanced metering installed.

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NATURAL GAS TRANSPORTATION SERVICE

3. Minimum Monthly Charge.

The Customer Charge, EGM Administrative Charge and, as applicable, the EGM Meter Equipment Charge.

4. Purchased Gas Adjustment.

All customers receiving transportation service will be subject to the provisions of the Company's PGA clause, Rider A. The ACA component of the Company's PGA clause shall be applicable to New Eligible School Entities for the first twelve (12) months of their participation in the gas aggregation program.

5. Payments.

Bills are due and payable within twenty-one (21) days from date of bill and become delinquent thereafter. Pursuant to Section VIII.F. of Company's Rules and Regulations, any portion of any bill, other than deposit arrears, remaining unpaid after the delinquent date will have a late payment charge added thereto.

6. Term of Contract.

Service hereunder shall be for a minimum period of one (1) year.

7. Tax Adjustment.

Any license, franchise, gross receipts, occupation or similar charge or tax levied by any taxing authority on the amounts billed hereunder will be so designated and added as a separate item to bills rendered to the customers under the jurisdiction of the taxing authority.

8. Terms and Conditions.

A. Transportation service under this schedule will be made available to customers upon request when the Company has sufficient distribution capacity to supply such service. If the Company determines that it does not have sufficient distribution capacity to provide the requested service it will, within 30 days of receiving a request for transportation service, provide to the customer requesting said service a written explanation of its capacity determination including a preliminary indication of changes to facilities necessary to effectuate such service, approximate cost to customer and time required to provide the requested service.

B. Service under this schedule shall require execution of a Gas Transportation Service Contract ("Contract") between the Company and the customer requesting transportation service in a form similar to that contained in Section 11 below.

C. Service will be provided only after requisite contracts and authority have been obtained by the customer to transport gas to the Company's facilities.

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NATURAL GAS TRANSPORTATION SERVICE

Eligible School Entities or New Eligible School Entities, using one hundred thousand Ccfs or less annually are not subject to the Electronic Gas Meter (EGM) Charges or installation of a communications line or 120 Volt power source; and positive and negative imbalances will be netted and cashed-out under Group Balancing on a monthly basis in accordance with the appropriate pricing provision under Section 8.I., with the monthly PGA and the monthly average of the daily midpoint prices being used as the base for the determination of the cash-out charge.

Tax Adjustment:

For New Eligible School Entities participating in aggregate purchasing contracts, all applicable taxes shall be computed based on billed revenues determined under paragraph 2. above. Additional applicable taxes shall also be levied and computed based upon the total actual Company-supplied Authorized Gas and Company-released capacity costs incurred on behalf of each of the accounts within the group of individual New Eligible School Entities. Such additional taxes applicable to the latter accounts will be paid each month directly to the appropriate taxing authority by each school or by the school's agent.

10. MISSOURI SCHOOL BOARDS' ASSOCIATION (MSBA) PILOT PROGRAM PROVISIONS:

The general purpose of this Pilot Program is to collect relevant information regarding the cost of providing monthly cash-out to Eligible School Entities and New Eligible School Entities. Per the Non-unanimous Stipulation (Stipulation) and Agreement in File No. GR-2019-0077 and modified by the Stipulation and Agreement in File No. GR-2021-0241 concerning MSBA issues, the following temporary imbalance provisions will apply with the first November billing month following the effective date of rates in the GR-2021-0241 case to Eligible School Entities represented by the Missouri School Board Association. The Pilot Program will terminate on conclusion of the Company's next general rate case.

- 1) Negative imbalances greater than 5% of nominations as adjusted by the loss factor will be billed at 110% of the monthly average of daily midpoint indexed commodity prices as quoted in Platt's Gas Daily for the respective pipeline. The transportation charge of \$0.150 per Ccf will not apply.
- 2) Positive imbalances greater than 5% of nominations as adjusted by the loss factor will be purchased at 90% of the monthly average of daily midpoint indexed commodity prices as quoted in Platt's Gas Daily for the respective pipeline.
- 3) Imbalances less than 5% of nominations as adjusted by the loss factor will be billed at 100% of the monthly average of daily midpoint indexed commodity prices as quoted in Platt's Gas Daily for the respective pipeline. The transportation charge of \$.150 per Ccf will not apply.

All other rates and provisions under this tariff shall continue to apply to the Eligible School Entities represented by the Missouri School Board Association unless specifically stated otherwise. Any conflicts between this Section 10 and other provisions under this tariff shall be resolved in favor of this Section

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UNION ELECTRIC COMPANY GAS SERVICE

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NATURAL GAS TRANSPORTATION SERVICE

12. Critical Day.

A. Critical Day Declaration:

A Critical Day may be declared by the Company for a specific area or the Company's entire gas system whenever, in the Company's sole judgement, one of the following conditions occurs or is anticipated to occur.

1. Company experiences failure of transmission, distribution, or gas storage facilities
2. Transmission or distribution system pressures or other unusual conditions that may jeopardize the operation of Company's gas system
3. Company's transportation, storage, or supply resources are being used at or near their maximum rated, tariff, or contractual limits
4. Any of Company's transporters or suppliers declares the functional equivalent of a Critical Day or force majeure conditions

B. Unauthorized Use Related to Critical Days:

Unauthorized Use Related to Critical Days shall mean the unauthorized use of Company-supplied gas on a Critical Day. If such unauthorized use of gas occurs, the Company shall charge the customer, and the customer shall pay a penalty for all unauthorized use as indicated below.

If the Company declares a Critical Day for its gas system or for a specific area of its gas system and Customer or Customer Group has an imbalance on such Critical Day in the same direction as an imbalance for Company's gas system or area thereof that results in the Company incurring penalties or fees for the day from one or more pipelines, customer or Customer Group may be billed Unauthorized Gas Use charges set forth in Section 2 herein.

C. Critical Day Notification:

The Company shall give notice to all Natural Gas Transportation Service customers impacted by the Critical Day of all Critical Day periods. Where feasible, notice shall be provided to the customer once Company receives such notice from the pipeline. The notice shall specify the expected duration of the Critical Day period. The means by which notification is given, whether by phone, fax, electronic mail, or some other means, shall be at the Company's option. Each holder of a Contract shall provide notification information, which may include but is not limited to a telephone number, fax number, or e-mail address, by which to receive notice on a 24-hour basis. The customer shall be deemed to have received notice upon issuance of the notice to the customer by the Company. The customer shall be deemed to have received notice if the telephone is not answered when called by the Company, or in the event of a mechanical breakdown or interruption of telephone service which prevents the call from being received.

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UNION ELECTRIC COMPANY GAS SERVICE

Applying to MISSOURI SERVICE AREA

MISCELLANEOUS CHARGES

G. Opt-Out Charges

Applicable to General Rules & Regulations VII. Measurement of Service, Remote Meter Reading Opt-Out:

One-time setup charge	\$100.00
Non-Standard Meter Charge - per month	\$40.00

H. Excess Flow Valve (EFV) Charges

1. Installation of an EFV shall be made by the Company in the case of a new service line or a scheduled replacement of a service line, without charge to the following customers:
 - Single family residences
 - Multi-family residences
 - Small commercial entities consuming natural gas volumes not exceeding 1,000 Standard Cubic Feet per Hour
2. Where customer requests an EFV on an existing service line without said device and where such service line is not otherwise scheduled for replacement, an EFV will be installed provided customer pays \$1200.00 to the Company in advance of such installation.
3. Installation of an EFV shall only be available where service is provided to a customer served from a delivery system with a pressure of ten (10) pounds per square inch or greater throughout the year, where the service line is connected directly to the gas distribution main, and where the Company has no engineering or other valid reasons for not installing the EFV.

I. Electronic Gas Meter (EGM) Equipment Charge

Sheet No. 10 Paragraph 2, Sheet No. 12 Paragraph 3 and Sheet No. 13 Paragraph F. - This EGM Meter Equipment Charge shall apply to transportation customers who enter into contracts with the Company for transportation service to be provided under the Company's Natural Gas Transportation Service tariff commencing after November 1, 2000 and that do not have an advanced meter installed.

Gas transported under the Natural Gas Transportation Service tariff shall be metered by an electronic recording device with remote monitoring features for the recording of the customer's daily gas usage and real time flow data. The transportation customer will pay the Company a monthly per meter charge for said metering as follows:

EGM Meter Equipment Charge.....\$21.00 per meter per month

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MISCELLANEOUS CHARGES

J. Daily Usage Information Charge

Applicable to Customers who enter into contracts with the Company for transportation service to be provided under the Company's Natural Gas Transportation Service tariff and do not have an advanced meter installed:

In order to facilitate remote interrogation of interval metering by the Company and provide daily usage information to Customer, the Company will install a remote monitoring device at each meter location where Customer receives Transportation Service. For each remote monitoring device, the Customer, at Customer's expense, shall provide access to a commercial telephone line and 120 volt AC electric power at a location designated by the Company. The telephone line shall be dedicated for Company's use. If a Customer does not provide access to a commercial telephone line and 120 volt AC electric power at a location designated by the Company, or, if interrogation is not possible due to a telephone service outage, Company will dispatch technicians each month with specialized equipment to capture the daily usage information necessary to bill Customer.

The charge to the Customer will be \$170.00 for each occurrence.

If phone line is installed and Company is unable to retrieve daily usage information it will be the Customer's responsibility to verify that the Customer's phone line is in working condition. In addition, Company reserves the right to charge Customers for each service call to investigate the remote monitoring device if such service call is the sole result of telephone service outage.

K. Customer Benefit Projects

Where work is done by Company on Company and/or customer facilities for the benefit and/or convenience of the customer/customer designees, the costs of such nonstandard service shall be billed to customer on the basis of Company's cost quotation agreed to by customer prior to starting project. Such "Customer Benefit" work shall include, but not be limited to, temporary service for construction sites, service calls and cost estimates for new business extensions which in the Company's determination will require excessive time to prepare for the customer. When any advance payments are collected prior to starting a project to be based on actual costs, any over payment will be refunded to payee.

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UNION ELECTRIC COMPANY GAS SERVICE

Applying to _____ MISSOURI SERVICE AREA _____

Delivery Charge Adjustment (DCA) Rider

APPLICABILITY

The DCA¹ Rider is applicable to all Customers taking service under the Residential or General Service rate schedules. The Rider will be applied as a separate line item on a customer's bill to all Ccf of gas usage.

FILING

The DCA rider

- (1) **After October 31, 2022, the DCA will terminate and be replaced by the Weather Normalization Adjustment Rider (WNAR). Any remaining over/under balance accumulated under the DCA for the Residential class through February 28, 2022, and any Reconciliation Adjustment amounts through October 31, 2022, will transfer to the WNAR.**
- (2) Adjustment Period (AP): The DCA AP will begin on the ninth billing month of a given year, and continue through the eighth billing month of the subsequent year. The initial AP under this rider shall begin on September 1, 2019. Actual Block Usage for the final billing month of an AP may be projected for purposes of a DCA rate calculation included in a filing under this Rider if necessary. Prior to the end of the subsequent twelve (12) month AP, the difference between the ABU previously projected and the observed ABU for that month, multiplied by the Rate that was in effect during that month, will be added to or subtracted from the calculation of the over- or under-billing of the DCA during the RP as appropriate.
- (3) Recovery Period (RP): An annual period during which a DCA rate is in effect, beginning with the eleventh calendar month of a given year, and continuing through the tenth calendar month of the subsequent year. The RP shall be calculated based on nine (9) months actual sales, including estimated unbilled sales for the ninth month, and three (3) months projected sales. The 3 months projected sales associated with each RP shall be trued up with actuals upon calculation of the subsequent RA.

RATE ADJUSTMENT CALCULATION

The DCA applicable to each rate schedule subject to this Rider and calculated separately for Residential customers and General Service customers, shall be revised annually to reflect (1) the difference between the normalized annual natural gas usage in Block 2 for Residential customers and Block 1b for General Service customers authorized in the Company's last general rate case and the actual usage billed in those blocks for the applicable AP; (2) to reconcile the over- or under-recovery from the previous DCA rate adjustment; and (3) any adjustments ordered by the Commission.

¹ Based on the Volume Indifference Reconciliation to Normal (VIRN) initially proposed by Staff and as modified by the Stipulation and Agreement in GR-2019-0077

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$$DCA = \left[\frac{(RCBU - ABU) \times Rate}{RCU} + \frac{(OA + RA)}{RCU} \right]$$

Where:

- DCA = "Delivery Charge Adjustment Rate" to be calculated independently for each of the Company's applicable service classes and applied to all Ccf of the applicable service class during the RP.
- RCBU = "Rate Case Block Usage" will be the normalized annual natural gas usage in Block 2 for Residential customers and Block 1b for General Service customers established in the most recent general rate case.
- RCU = "Rate Case Usage" will be the estimated total usage in Ccf for the applicable class established in the most recent general rate case.
- ABU = "Actual Block Usage" is that usage which occurred during the Adjustment Period (AP) for the class's adjustable Ccf usage range
- Rate = The currently effective class rate for usage in Block 2 for Residential customers and Block 1b for General Service customers.
- OA = "Ordered Adjustment" is the amount of any adjustment to the DCA ordered by the Commission as a result of corrections under this Rider. Such amounts shall include monthly interest equal to the reconciliation adjustment interest rate.
- RA = "Reconciliation Adjustment" is the amount due to the Company (+RA) or Customers (-RA) arising from adjustments under this Rider that were under- or over-billed in the prior 12 month RP

In the event that there is more than one set of non-gas base rates in effect during the AP the rates and rate case block usage will be prorated accordingly.

Reconciliation Adjustment Interest Rate

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 ending monthly DCA balance. In no event shall the carrying cost rate be less than 0%. Corresponding interest income and expense amounts shall be recorded in account 419 and 431 on a net cumulative basis for the DCA deferral period.

Rate Case Information

From GR-2021-0241, the normalized annual natural gas usage in Block 2 (greater than 30 ccf) for Residential customers is 44,418,451 Ccf and Block 1b (between 101 and 400 ccf) for General Service customers is 10,209,408 Ccf. The Block 2 rate for the Residential Class is \$0.3530 and the rate for Block 1b for the General Service Class is \$0.3431.

RCU: Total Residential Usage is 75,108,229; total General Service Usage 36,632,297.

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Delivery Charge Adjustment (DCA) Rider

The DCA (in \$/Ccf) to be applied for service on or after the first effective date and terminating on the last effective date to the Company's Residential and General Service rate schedules, as applicable, for gas sold or delivered to customers in the Company's service area.

Customer Class	First Effective Date	Last Effective Date	DCA
Residential	Effective Date of This Tariff Sheet	10/31/2021	0.0158
General Service	Effective Date of This Tariff Sheet	10/31/2021	0.0036

DATE OF ISSUE September 1, 2020 DATE EFFECTIVE November 1, 2020

ISSUED BY Martin J. Lyons Chairman & President St. Louis, Missouri
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UNION ELECTRIC COMPANY GAS SERVICE

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WEATHER NORMALIZATION ADJUSTMENT RIDER (WNAR)

APPLICABILITY

The Weather Normalization Adjustment Rider (WNAR) is applicable to all Ccf of gas delivered to all customers served under Company's Residential service classification. The Rider will be applied as a separate line item on the customer's bill.

FILING

The Company shall make a WNAR filing each calendar year to be effective for the November billing month at least sixty (60) days prior to the effective date. The final over/under balance of the DCA Rider accumulated through February 2022 will transfer to the WNAR for inclusion in the November 1, 2022 filing. The remaining Reconciliation Adjustment from the Residential DCA as of October 31, 2022, will transfer to the Residential WNAR.

WEATHER NORMALIZATION ADJUSTMENT RATE

$$WA = \frac{TWA + OA}{\text{Expected recovery period Residential sales}}$$

Where:

- WA = Weather adjustment amount to be collected from the Residential service class
- TWA = Total Weather Adjustment equaling the sum of the effective AWNA and AR from the Weather Adjustment Calculation
- OA = Ordered Adjustment is the amount of any adjustment to the WNA ordered by the Commission as a result of corrections under this Rider. Such amounts shall include monthly interest at the Company's monthly short-term borrowing rate.

WEATHER ADJUSTMENT CALCULATION

$$TWA = AWNA + AR$$

Where:

Annual WNA ("AWNA") = the sum of the Monthly WNA for the billing months in the twelve month period ended each July, . The initial AWNA will be calculated with less than twelve months of information, including the Monthly WNA for March through July 2022, but will include the balance transferred from the DCA Rider for the remaining months of the annual period.

Annual Reconciliation ("AR") = Prior to the end of the twelve months of billing of each AWNA, the over- or under-billing of the AWNA shall be calculated based on twelve months of actual sales, consisting of the last two months of the recovery period related to the prior AWNA and the first 10 months of the recovery period related to the currently effective AWNA.

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WEATHER NORMALIZATION ADJUSTMENT RIDER (WNA)

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

$$WNA_i = \sum_{j=1}^{21} ((NDD_{ij} - ADD_{ij}) * \beta) * C_{ij}$$

Where:

WNA_i = Weather Normalization Adjustment

i = the applicable billing month

j = billing cycle

β = applicable coefficient of 0.10918 as established in Case No. GR-2021-0241.

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

NDD_{ij} = the total normal heating degree days for the days in the applicable billing month and billing cycle. The normal degree days are calculated as the weighted average of 87.0% of heating degree days observed at the Columbia, MO Airport weather station and 13.0% of the heating degree days observed at the Cape Girardeau, MO Airport weather station.

ADD_{ij} = the total actual heating degree days for the days in the applicable billing month and billing cycle. A weighted average will be calculated based on 87.0% of heating degree days observed at the Columbia, MO Airport weather station and 13.0% of the heating degree days observed at the Cape Girardeau, MO Airport weather station.

$$\text{Monthly } WNA_i = WNA_i * \text{Weighted Volumetric Rate ("WVR")}$$

Where:

WVR = the Residential Distribution Delivery Rate of \$0.3536 per Ccf as established in Case No. GR-2021-0241.

There shall be a limit of \$0.05 per Ccf on upward adjustments for the WA, and no limit on downward adjustments. Any WA adjustment amounts in excess of \$0.05 per Ccf will be deferred for recovery from customers in the next WA adjustment.

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

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Applying to MISSOURI SERVICE AREA

WEATHER NORMALIZATION ADJUSTMENT RIDER (WNAR)

(Applicable to services provided on February 28, 2022 through October 30, 2022)

Calculation of Current Weather Adjustment Rate (WR):

Monthly WNA included in WNA Factor:	March 2022 through July 2022	
Sum of Monthly WNA (AWNA)		\$0.00
Annual Reconciliation (AR)	+	\$0.00
Total Weather Adjustment (TWA)	=	\$0.00
Ordered Adjustment (OA)	±	\$0.00
Weather Adjustment (TWA +OA)	=	\$0.00
Expected Retail Sales in the Recovery Period	÷	0 Ccf
Weather Adjustment Rate for Residential Customers (WR)	=	\$/Ccf

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VII. Measurement of Service (Cont'd.)

* J. Remote Meter Reading Opt-Out

Customers receiving Residential Service have the option of refusing the installation of remotely read metering or requesting the removal of previously installed remotely read metering. In such instances, non-standard metering equipment will be installed that requires a manual meter read. Customers requesting non-standard metering service after April 1, 2017 will be charged a one-time setup charge and a monthly recurring Non-Standard Meter Charge. Charges are listed on Sheet No. 63, Miscellaneous Charges. Charges shall not be applicable to customers who have not been offered remote metering equipment by the Company due to geographic or similar considerations.

To the extent that a customer denies access to property through verbal denial or threats of violence, or fails to establish a suitable time for access or allow access, customer will be notified, in writing, that failure to provide access to install remotely read metering equipment will result in customer being considered an opt-out customer not sooner than 30 days after Company's notice. Company's notification will include charges that will be added to the customer's bill as listed on Sheet No. 63, miscellaneous charges and provide information for the customer to understand the financial impact of opt-out status. Prior to deeming a residential customer to have accepted opt-out status, Company shall follow the notice procedures found in 20 CSR 4240-13.035(1)(C), with the exception of 20 CSR 4240-13.035(1)(C)2.B.

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VIII. Billing Practices

*A. Monthly Billing Periods

Company will render bills over twelve (12) monthly billing periods in a year, with each bill based upon the service used between regularly scheduled meter readings. While Company's work schedules provide for the orderly reading of all meters over intervals of approximately 30 days, holidays, weekends, inclement weather and other operating constraints may cause the billing interval to vary during various portions of the year. Likewise, a customer exercising Section VIII.I. Preferred Due Date Selection may result in either a longer or shorter period between meter readings for the first bill after the election. (This section reflects a variance from Rules 20 CSR 4240-13.015(1)(C) and 20 CSR 4240-13.020(6) granted by Commission in Case GE-2019-0386.)

B. Inaccessible Meters

Where a meter is inaccessible to the meter reader during scheduled working hours on repeated occasions, such that a customer must arrange for meter reading by appointment to avoid discontinuance of service, the customer may at his own expense have Company relocate the meter to an accessible location, if feasible.

C. Estimated Bills for Full Billing Periods

Monthly bills may be rendered to the Company's natural gas customers based upon estimated gas usage (which may include the use of readings furnished by the customer), where conditions reasonably beyond the control of the Company prevented it from obtaining actual meter readings. These conditions include extreme weather, operating and other emergencies, labor agreements, work stoppages, and the Company's inability to gain access to the meter. The Company will provide a copy of customer's estimate, upon request. All estimates are subject to the provisions of Section VII.G. Billing Adjustments, of these Rules and Regulations, and will be determined as follows:

a. Single-Month Estimated Bills

A single billing month's estimated natural gas usage will be determined on the basis of the customer's prior month's usage, adjusted by a factor reflecting the difference in weather between the prior and current monthly billing periods. This

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VIII. Billing Practices (Cont'd.)

5. Company may terminate this Budget Billing Plan to any customer who shall fail to make payment hereunder by the delinquent date, and, upon such termination and thereafter, such customer shall be billed in accordance with the terms of Company's standard monthly billing practice. Any billing adjustments required at the date of such termination shall be included in the next bill rendered to customer.
6. Customer may, at any time, elect to terminate the application of this Budget Billing Plan by requesting such termination and thereafter paying when due any amounts, including billing adjustments, which may be necessary in order to settle the account hereunder.
7. Final bills, whenever rendered, will include such amounts as may be necessary to settle the account based on actual usage as of the date of final meter reading unless, beginning with the August 2015 billing cycle, the balance is transferred to customer's new account.

* F. Late Payment Charge

Any portion of any bill, other than deposit arrears, remaining unpaid after the delinquent date indicated thereon will have a late payment charge of 1 percent of the gross unpaid amount added thereto, the sum of which will be shown as "arrears" on the next bill. Any portion of such "arrears" remaining unpaid after the delinquent date on any subsequent bill will also have a late payment charge of 1 percent added thereto. When a customer's payment is received by mail not more than two business days after the delinquent date it shall be deemed a timely payment. If the bill does not show a designated "delinquent date," for purposes of this paragraph the "due date" shall be deemed to be the delinquent date. The specific late payment charge and delinquent dates referred to above will be subject to variation for State of Missouri and

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VIII. Billing Practices (Cont'd.)

* I. Preferred Due Date Selection

Customers receiving service under the Residential Service Rate or the General Service Rate may select the date their bill will become due provided their service is equipped with an advanced meter reading device. If the customer's preferred date is not available, they will be given the option of selecting a different due date or retaining their existing due date.

Customer's selected due date will become effective no later than the second bill issued after customer's selection and cannot be implemented for bills already issued.

The first bill issued following implementation of a due date selected by customer may result in a bill period that is either longer or shorter than normal and may also be prorated.

Customer may not make a due date selection more frequently than once every 12 months except by Company approval.

(This section reflects a variance from Rules 20 CSR 4240-13.015(1)(C) and 20 CSR 4240-13.020(6) granted by Commission in Case GE-2019-0386.)

IX. Resale of Service

Except as specifically provided for in customer's contract for service or in rate schedules, customer shall not resell the service purchased from Company to any other customer, company or person, and customer shall not deliver the service purchased from Company to any connection wherein said service is to be used off of customer's premises or by persons over whom that customer has no control.

* Indicates Change.

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XIV. Regulatory Authorities

The rates, riders, rules and regulations contained herein have been filed with and approved by the Missouri Public Service Commission and are subject to change or modification to conform to any change made by Company when approved or ordered by the Commission. Where specific situations are not addressed by Company's rates, riders, rules and regulations, the applicable Commission rules set forth in 4CSR, Sections 240-2 through 240-40 shall apply. Company may make written application to the Commission to seek the approval of a waiver of any specified portion of these filed tariffs for good cause shown.

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WEATHERIZATION PROGRAM

PURPOSE

This voluntary Weatherization Program (Program) is intended to assist qualified residential gas customers in reducing their use of energy through weatherization and conservation.

AVAILABILITY

This voluntary Program is available to customers receiving service under the Company's Residential Service Rate and who meet the customer eligibility requirements.

* TERMS AND CONDITIONS

- a. The Company will provide \$250,000 annually (the Program funds) for a residential weatherization grant program, including energy education, for primarily lower income customers. The Program is administered by the Company.
- b. The Program funds will be distributed to Community Action Agencies operating in the Company's natural gas service territory.
- c. The Program offers grants for weatherization services to eligible customers and will be primarily directed to lower income customers.
- d. The total amount of grants offered to an individual customer for improvements that can be made to their residence will be determined by using the National Energy Audit Tool (NEAT) software or other MDED approved audit tool.
- e. The Company will retain at least two years of post-weatherization usage and payment history for each customer's residence that is weatherized.

*Indicates Change.

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Residential Pay As You Save® Program

PURPOSE

The objective of the Pay As You Save® Program (Program) is to promote the installation of energy efficient Measures and increase deeper, long-term energy savings and bill reduction opportunities for Participants through a tariffed on bill charge tied to the meter.

DEFINITIONS APPLICABLE TO RESIDENTIAL PAY AS YOU SAVE® PROGRAM ONLY

Analysis - Initial Program visit, walk through and report, Tier 1 upgrades, and customer education.

Assessment - Detailed home performance data collection, analysis of qualifying upgrades, and preparation and one-on-one presentation of Program offer.

Efficiency Upgrade Agreement - Agreement signed by Participants (who own the property) defining customer benefits and obligations, including Service Charges and duration of payments.

Energy Efficiency Plan (Plan) - Prepared by Program Administrator to identify recommended upgrades.

Estimated Life - The expected duration in years of the savings for each individual measure.

Measure - The replacement of less efficient natural gas equipment with high efficient ENERGY STAR® Qualified natural gas equipment and other high efficiency equipment and building shell measures.

Participant - An energy-related decision maker who implements one or more end-use Measures as a direct result of a demand-side program.

Program Administrator - The Company or entity selected by the Company to provide program design, promotion, administration, implementation, and delivery of services.

Program Partner - A retailer, distributor, or other service provider that the Company or the Program Administrator has approved to provide specific program services through execution of a Company-approved service agreement.

Property Notice - Attached by the Program to property records outlining benefits and obligations associated with the upgrades. In jurisdictions in which the Program cannot attach a Property Notice to property records, and in any case where a subsequent tenant is executing a rental agreement, Property Notice form must be signed by successor customer or purchaser indicating they accept benefits and obligations associated with the upgrades at the location before the sale or rental of the property.

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Residential Pay As You Save® Program (Cont'd.)

DEFINITIONS APPLICABLE TO RESIDENTIAL PAY AS YOU SAVE® PROGRAM ONLY (Cont'd.)

Owners Agreement - A separate required document indicating the owner's obligations (if Participant is not the building owner).

Project - Scope of work determined by the Program based on home characteristics, program data collection, and analysis.

Qualifying Project - Project scope of work meeting Program criteria (Project cost, including Program Partner pricing, Program fees, and interest, is equal to or less than 80% of the estimated post upgrade cost savings from all major fuel sources, over 80% of the upgrade Estimated Life).

Service Charge - Monthly charge assigned to the premises recovering Program costs for upgrades, fees, any required taxes, cost of capital for financing of three percent (3%), or costs for customer-caused repairs as described in section 4.

AVAILABILITY

The Program is available to qualifying customers receiving service under the Residential Service Rate up to the financed amounts.

In order to qualify as a Participant, customers must either own the building or the building owner must sign an Owner Agreement agreeing to not remove or damage the upgrades, to maintain them, and to provide Property Notice of the benefits and obligations associated with the upgrades at the location to the next owner or customer before the sale or rental of the property.

Projects that address upgrades to existing buildings deemed unlikely to be habitable or to serve their intended purpose for the duration of Company's cost recovery will not be approved unless repairs are made by the building owner that will extend the life through the Company's cost recovery period. If a building is a manufactured home, it must be built on a permanent foundation and fabricated after 1982 to be eligible.

PROGRAM DESCRIPTION

The Company will hire a Program Administrator to implement this Program. The Program Administrator will provide the necessary services to effectively implement the Program.

1. Participation: To become a Participant in the Program, a customer must: 1) request from the Company an analysis of qualifying upgrades, 2) sign the Efficiency Upgrade Agreement and implement any Qualifying Project that does not require an upfront payment from the Participant as described in section 2(c).

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Residential Pay As You Save® Program (Cont'd.)

PROGRAM DESCRIPTION (Cont'd.)

1. Participation: (Cont'd.)
 - a. The owner must agree to have a Property Notice attached to their property records through either i) Owners Agreement if the Participant is not the owner or ii) as part of the Efficiency Upgrade Agreement if the Participant is the owner.
 - b. Failure to obtain the signature on the Property Notice form, of a successor customer who is renting the premises or a purchaser, indicating that the successor customer received Property Notice will constitute the owner's acceptance of consequential damages and permission for a tenant or purchaser to break their lease or sales agreement without penalty.
 - c. The customer authorizes the use of energy usage history (from the utility or utilities of all major fuel sources) by the Program Administrator in order to true up its energy analysis and determine qualifying recommendations.

2. Energy Efficiency Plans: The Company will have its Program Administrator or Program Partner perform an assessment and prepare a Plan identifying recommended upgrades to improve energy efficiency and lower energy costs.
 - a. **Net savings:** Recommended upgrades shall be limited to those where the annual Service Charge, including program fees and applicable charges for capital, are no greater than 80% of the estimated annual savings to a participating customer based on current retail rates for all major fuel sources, including electric and propane savings as well as natural gas.
 - b. In cases of co-delivery, program administration costs and financed project costs will be allocated to the natural gas and electric budgets, respectively.
 - c. **Copay option:** In order to qualify a Project that does not meet the criteria for a Qualifying Project, customers may agree to pay the portion of a Project's cost that prevents it from qualifying for the Program as an up-front payment to the Program Partner. Company will assume no responsibility for such up-front payments to the Program Partner.

3. Analysis fee: The Company will not recover Analysis fee costs from participants through a Service Charge. Analysis fee costs will be treated as Program Administrative costs.

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Residential Pay As You Save® Program (Cont'd.)

PROGRAM DESCRIPTION (Cont'd.)

4. **Service Charge:** The Company will recover the costs for its investments including any fees as allowed in this tariff through a monthly Service Charge assigned to the premises where upgrades are installed and paid by the current Participant or any future successor occupying that location until all Company costs have been recovered. The Service Charge will also be set for a duration not to exceed the greater of i) the length of a full parts and labor warranty or ii) 80 percent (80%) of the estimated life of the upgrades, and in no case longer than twelve years, except in cases discussed in section 4. The Service Charge and duration of payments will be included in the Efficiency Upgrade Agreement.
- a. **Cost Recovery:** No sooner than 45 days after approval by the Company or its Program Administrator, the Participant shall be billed the monthly Service Charge as determined by the Program. The Company will bill and collect the Service Charge until cost recovery is complete except in cases discussed in section 4. Prepayment of Service Charges will not be permitted.
 - b. **Eligible Upgrades:** All upgrades must have Energy Star certification, if applicable.
 - c. **Ownership of Upgrades:** During the period of time when the Service Charge is billed to customers at locations where upgrades have been installed, the Company will retain ownership of the installed upgrades. Upon completion of the cost recovery, ownership will be transferred to the building owner.
 - d. **Maintenance of Upgrades:** Participating customers and building owners (if the customer is not the building owner) shall keep the installed upgrades in place, in working order, and maintained per manufacturer's instructions for the duration of the cost recovery. Participating customers shall report the failure of the installed upgrades to the Program Administrator or Company as soon as possible. If an upgrade fails, the Company is responsible for determining its cause and for repairing the equipment in a timely manner. If the owner, customer, or occupants caused the damage to the installed upgrades, they will reimburse the Company as described in section 4.
 - e. **Termination of Service Charge:** Once the Company's cost recovery is complete, Company will discontinue the Service Charge, except as described in section 4(g).

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Residential Pay As You Save® Program (Cont'd.)

PROGRAM DESCRIPTION (Cont'd.)

4. Service Charge: (Cont'd.)

- f. **Vacancy:** If a location at which upgrades have been installed becomes vacant for any reason and gas service is disconnected, the Service Charge will be suspended until a successor customer takes occupancy. If a building owner maintains gas service at the location, the building owner will be billed the Service Charge as part of any charges it incurs while gas service is turned on.
- g. **Extension of Program Charge:** If the monthly Service Charge is reduced or suspended for any reason, once repairs have been successfully effected or service reconnected, the number of total monthly payments shall be extended until the total collected through the Service Charge is equal to the Company's cost for installation as described in section 4, including costs associated with repairs, deferred payments, and missed payments as long as the current occupant is still benefiting from the upgrades.
- h. **Tied to the Location:** Until cost recovery for upgrades at a location is complete or the upgrades fail as described in section 4(d), the terms of this tariff shall be binding on the metered structure or facility and any future customer who shall receive service at that location.
- i. **Disconnection for Non-Payment:** As a charge paid in furtherance of an approved energy efficiency program, the Company may disconnect the metered structure for non-payment of the Service Charge under the same provisions as for any other gas service.
- j. **Confirm Savings Actually Exceeded Tariffed-Charge:** Program Administrator will perform an annual analysis to evaluate weather-normalized 12-month post-upgrade Project cost savings and confirm that the Service Charge remains lower than estimated Project cost savings. In the event that analysis indicates that the Service Charge exceeds the estimated Project cost savings due to inaccurate saving estimates, the Service Charge may be reduced or eliminated to the extent needed in order for the Participant to realize Project savings.
- k. **Repairs:** Should, at any future time during the billing of the Service Charge, the Company determine that the installed upgrades are no longer functioning as intended and that the occupant or building owner, as applicable, did not damage or fail to maintain the installed upgrades, the Company shall reduce or suspend the Service Charge until such time as the Company and/or its Program Partner can repair the upgrades. If the upgrades cannot be repaired or replaced cost

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Residential Pay As You Save® Program (Cont'd.)

PROGRAM DESCRIPTION (Cont'd.)

4. Service Charge: (Cont'd.)

k. **Repairs:** (Cont'd.) effectively, the Company will waive remaining Service Charges. If the Company determines the occupant or building owner, as applicable, did damage or fail to maintain the upgrades in place as described in section 4(d), it will seek to recover all costs associated with the installation, including any fees, incentives paid to lower Project costs, and legal fees. The Service Charge will continue until Company's cost recovery is complete as long as the upgrades continue to function. Company will not guarantee perfect operation of installed upgrades in every circumstance, and any suspension or waiver of unbilled Service Charges shall not entitle the Participant or owner to any refund or cancellation of previously billed Service Charges.

ELIGIBLE MEASURES AND INCENTIVES

A description of Eligible Measures and Incentives directly paid to customers may be found at AmerenMissouri.com/naturalgas.

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* Indicates Change.

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ISSUED BY Mark C. Birk Chairman & President St. Louis, Missouri
Name of Officer Title Address