

SOUTH DAKOTA GAS TARIFF SCHEDULE NO. 2 SD P.U.C. Sec. No. 5 Original Sheet No. 45

SECTION 5 – RULES AND REGULATIONS (continued) Applicable to All Rates and Riders

3.00 TECHNICAL AND OPERATIONAL REQUIREMENTS

3.01 DELIVERY CHARACTERISTICS

All natural gas sold by the Company is delivered with the same characteristics as purchased from its Suppliers and without further processing or refinement except for odorization and possible variations resulting from propane air or liquefied natural gas peak shaving system operations.

3.02 STANDARD SERVICE

Standard gas service will be delivered at a nominal pressure of seven (7) inches water column (one-fourth (1/4) pound per square inch), however, the Company shall only guarantee four and one-half (4-1/2) inches water column.

3.03 NON-STANDARD SERVICE

Non-standard gas service shall include all service where the measured nominal pressure exceeds seven (7) inches water column and will be provided at the sole discretion of the Company. The adequacy of the non-standard pressure for the Customer's needs shall also be determined by the Company.

The cost of Non-standard service shall be paid by the Customer pursuant to the "Excess Facilities" section of this Tariff. The Customer shall comply with the Company's standards and the specifications in the current edition of National Fuel Gas Code (NFPA 54).

Non-standard service includes, but is not limited to:

- Pressures.
- Metering equipment.
- Meter locations.
- · Gas distribution system supply facilities and configurations.

The Company may discontinue providing Non-standard service when Premises are remodeled, modified, or become inactive for six (6) months or more.

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3.00 TECHNICAL AND OPERATIONAL REQUIREMENTS (continued)

3.04 MEASUREMENT

Gas consumption shall be measured in cubic feet. A cubic foot of gas is the amount which would occupy one (1) cubic foot of volume at a temperature of sixty (60) degrees Fahrenheit and at a base pressure of 14.73 pounds per square inch absolute.

Metered pressure will be adjusted for local atmospheric pressure.

Temperatures at the point of delivery shall be assumed to be sixty (60) degrees Fahrenheit unless actually measured by acceptable temperature correction equipment.

The average gross heating value of gas received by the Company from its suppliers is expected to be approximately 1,000 Btu per cubic foot. The Company will reflect the variations in the Btu content as reported by its Suppliers in its measurement of its Customers' consumption.

The billing unit of measurement shall be a "Therm" of gas and conversion of cubic feet measured to "Therm" shall be shown on the Customer's bill.

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SECTION 5 – RULES AND REGULATIONS (continued) Applicable to All Rates and Riders

3.00 TECHNICAL AND OPERATIONAL REQUIREMENTS (continued)

3.05 FACILITIES PROVIDED BY THE COMPANY

in general, the Company will furnish and install all meters and metering equipment. The Customer may be charged for Non-standard metering facilities. Depending on the nature of the Customer's load (e.g., intermittent use or subject to violent fluctuations), the Company may require the Customer to furnish, install and maintain the appropriate regulating equipment on the Customer's side of the meter.

All meters, piping, and other equipment furnished and installed by the Company on the Customer's Premises shall remain the property of the Company. This includes any mains and services provided in accordance with the Company's "Expansion of Gas Distribution System" section of this Tariff, regardless of any advance or contribution in aid of construction required.

Such property of the Company will be maintained, repaired and replaced by the Company; however, costs incurred by the Company may be assessed to the Customer in accordance with "Expansion of Gas Distribution System" and "Existing System Modification" sections of this Tariff.

3.06 CUSTOMER RESPONSIBILITIES

The Customer shall immediately give notice to the Company of any gas escaping in or about the Premises.

The Customer shall inform the Company as to the size and characteristics of the load that is to be initially and thereafter served, the location of the Premises, the date the Customer anticipates the need for said service and any special circumstances or conditions affecting the supply of gas service by the Company. The Customer shall inform the Company when/if the size or characteristics of the load change, the location of the Premises, the date the Customer anticipates the need for said change in service and any special circumstances or conditions affecting the customer anticipates the need for said change in service and any special circumstances or conditions affecting the supply of gas service by the Company.

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SECTION 5 – RULES AND REGULATIONS (continued) Applicable to All Rates and Riders

3.00 TECHNICAL AND OPERATIONAL REQUIREMENTS (continued)

3.06 CUSTOMER RESPONSIBILITIES (continued)

Protection of Facilities

The Customer shall be responsible for any damage, alteration or interference with Company metering or any other gas facilities on the Customer's Premises, by the Customer or any other party on such Premises, whether authorized or unauthorized by the Customer. No one other than an Agent of the Company shall be permitted to operate, remove or make any alterations or changes to such property. The Customer is responsible for providing employees or duly authorized agents of the Company safe and convenient access to Company facilities on the Customer's Premises at all reasonable hours.

The Customer shall exercise due care to avoid unsafe or unsanitary conditions near the Company's meter(s) or other service facilities located on the Customer's Premises.

In certain installations, the customer may be required to furnish and install barriers which meet Company design requirements to protect the Company's metering facilities from loss or damage.

Performing Work

Any work on Company equipment or facilities shall only be performed by qualified Company employees or other Company-authorized personnel. Such work shall include but not be limited to connections of Customer-owned piping to Company-owned piping, meters and pressure reducing equipment.

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SECTION 5 – RULES AND REGULATIONS (continued) Applicable to All Rates and Riders

3.00 TECHNICAL AND OPERATIONAL REQUIREMENTS (continued)

3.06 CUSTOMER RESPONSIBILITIES (continued)

Rejection or Termination of Service

The Company shall have the right to reject any application for service or to terminate service to any Customer whose Premises, operation, or gas utilization, in the judgment of the Company:

- Are dangerous to persons or are otherwise unsafe in the vicinity of the Company's meter or other facilities.
- Adversely affect service to other Customers.
- Do not comply with safety and operating standards.
- Make relocation of pipelines or metering equipment necessary. The Company will relocate such facilities at the Customer's expense to an acceptable location on the Customer's Premises.

Notice of Changes Affecting Company Facilities

The Customer shall promptly notify and receive approval from the Company of any significant changes in operation or equipment at the Customer's Premises which might endanger or affect the proper functioning or require modification of the Company's metering or other gas facilities used in providing service to the Customer or cause a condition where such facilities would not comply with applicable laws, ordinances or codes.

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SECTION 5 – RULES AND REGULATIONS (continued) Applicable to All Rates and Riders

3.00 TECHNICAL AND OPERATIONAL REQUIREMENTS (continued)

3.06 CUSTOMER RESPONSIBILITIES (continued)

Payment for Facilities

The Customer shall pay to the Company the cost of:

- Any equipment the Company deems necessary to protect Company facilities located on the Customer's Premises
- Any change or relocation of the Company's gas facilities on or adjacent to the Customer's Premises resulting from significant changes at the Customer's Premises in order for the Company to comply with proper operational requirements, requirements of applicable laws, ordinances or codes, or Company standards and policies, when the need for such changes results from significant changes at the Customer's Premises. Requirement related to relocation from Customer expansions can be found in the "Expansion of Gas Distribution System" or "Existing System Modifications" sections of this Tariff.
- Moving or replacing gas facilities to accommodate a change in grade levels, buildings, structures, foundations, walls, or other ichanges that would affect the cover of gas distribution system extensions or services. The Customer shall notify the Company prior to any such change.
- Any damage to the Company's facilities caused by or as a result of the Customer's operations or the manner in which the Customer uses the Company's facilities.
- Any repairs, replacement, rerouting, relocation or re-engineering of any Company facilities necessitated by the Customer's request, or due to the Customer's negligence or the Customer's failure to properly comply with any obligations.

Failure of the Customer to pay for facilities installed by the Company shall be grounds for disconnection of gas service.

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SECTION 5 – RULES AND REGULATIONS (continued) Applicable to All Rates and Riders

3.00 TECHNICAL AND OPERATIONAL REQUIREMENTS (continued)

3.06 CUSTOMER RESPONSIBILITIES (continued)

One-Call Notification

The Customer is responsible for locating and marking all Customer-owned facilities prior to any construction. The Company shall not be responsible for damage to any facilities the Customer fails to accurately locate and mark.

In order to prevent damage to underground facilities, South Dakota One Call service was established to mark the location of the underground facilities of the participating utilities. The free South Dakota One Call service can be obtained by the Customer as follows:

| Step | Action |
|------|---|
| 1 | At least forty-eight (48) hours (excluding Saturdays, Sundays and legal holidays) before digging begins, notify South Dakota One Call at: |
| | 811 (preferred) or 1-800-781-7474. |
| 2 | Indicate where and when digging will occur. |
| 3 | Provide the name and phone number of the individual to be contacted by the Company. |

Company Access

The Customer shall provide and maintain safe and convenient access to Company facilities at all reasonable hours. Such access shall include providing the Company with unobstructed right-of-way for Company personnel and equipment or facilities over, across, under and upon property owned or controlled by the Customer as necessary to supply service to Customers.

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SECTION 5 – RULES AND REGULATIONS (continued) Applicable to All Rates and Riders

3.00 TECHNICAL AND OPERATIONAL REQUIREMENTS (continued)

3.06 CUSTOMER RESPONSIBILITIES (continued)

Customer-owned Equipment

The Customer is solely responsible for installation, maintenance and replacement of facilities on the Customer's side of the meter and for all Customerowned piping and equipment. Customer equipment shall not negatively impact other Customers in the area.

The Company will not provide service to and shall have the right to terminate service to any equipment or any Customer which causes undue pressure fluctuations or which in any other way interferes with the Company's provision of safe, adequate and satisfactory service.

Compliance with Codes

The Customer shall install all Customer-owned equipment, piping, fittings, and valves in a condition acceptable to and approved by the governmental inspection authority having jurisdiction in the territory in which the Customer's Premises is located and in accordance with the Company's standards. In the absence of a governmental inspection authority, the specifications of the latest edition of the National Fuel Gas Code (NFPA 54) will be applicable. If any questions concerning the compliance of the Customer's equipment arise, Company personnel will provide further assistance.

Service Piping

The piping and appurtenances between the outlet of the meter and the Customer's utilization equipment are the responsibility of the Customer.

The Company does not maintain Customer-owned buried service piping. Customer-owned buried service piping should be inspected periodically for leaks and, if metallic, should be inspected for corrosion by the Customer or the Customer's contractor. Repairs should be made immediately to any unsafe conditions by a qualified contractor.

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SECTION 5 – RULES AND REGULATIONS (continued) Applicable to All Rates and Riders

3.00 TECHNICAL AND OPERATIONAL REQUIREMENTS (continued)

3.07 METERING FACILITIES

One (1) metering point will be permitted for each building using gas. Exceptions will be made with Company approval or where required by local ordinance.

The Company reserves the right to specify the type, kind, size and location of metering facilities to be installed on the customer's property.

All sales of gas service will be metered except where specifically exempted within a rate class or where, at the sole discretion of the Company, it is impractical or unsafe and the amount of service used may be reasonably computed without metering.

Master Metering

Master metering means a single meter used to determine the amount of gas provided to a multiple-occupancy building or multiple-building complex. Master metering of multiple-occupancy buildings is prohibited, with the following exceptions:

- Residential multiple-occupancy buildings of two (2) units, one (1) of which is occupied by the owner of the building.
- Hospitals, nursing homes, dormitories, and other residential facilities of a strictly transient nature.
- Existing multiple-occupancy buildings where construction began before June 13, 1980 which currently receive master-metered gas service.
- Existing mobile home courts and trailer parks where construction began before June 13, 1980.
- Multiple-occupancy buildings with central heating or cooling systems. However, the Applicant shall notify the Commission so it may determine whether the Applicant's system falls within this exception or whether the Applicant is required to file an application for a variance with the Commission in accordance with § 20:10:26:05 of the South Dakota Administrative Rules.

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SECTION 5 – RULES AND REGULATIONS (continued) Applicable to All Rates and Riders

3.00 TECHNICAL AND OPERATIONAL REQUIREMENTS (continued)

3.07 METERING FACILITIES (continued)

Interval Metering

Interval meters are meters which provide measurement of gas consumption such that usage information is available for discrete increments (e.g., hourly, daily) throughout the metering period.

Customers that receive gas supply under Rider T or receive Delivery Service under Rates LVS, SVI and LVI shall have interval metering facilities with a remote monitoring device installed at each interval metering location where such gas supply and/or delivery service is provided. For each monitoring device, the Customer shall provide, at the Customer's expense, access to:

- 120-volt AC electric power at a location designated by the Company
- A telephone line dedicated and available to the Company

The Company reserves the right to charge Customers for each service call to investigate, repair, and/or obtain daily meter readings if such service call is the sole result of telephone service outage. If frequent or prolonged telephone service outages occur, the Company shall, at its sole discretion, have the right to disconnect gas service to the Customer until such telephone service is restored.

A Customer taking service under a rate that does not require interval metering may request that interval metering equipment be installed for the Customer by the Company at the Customer's expense. The Company will own, furnish, install, calibrate, test, maintain, and read meters used for billing purposes. The charge associated with the cost of interval metering shall be consistent with the monthly Interval Meter Charge for Rate LV – Large Volume Service, as shown on Sec. No. 3, Sheet No. 8.



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SECTION 5 – RULES AND REGULATIONS (continued) Applicable to All Rates and Riders

3.00 TECHNICAL AND OPERATIONAL REQUIREMENTS (continued)

3.07 METERING FACILITIES (continued)

Meter Replacement

When the Customer has a significant decrease in load or has their delivery service rate reassigned due to a decrease in load, and the Customer's existing meter is inadequate or incompatible with the new delivery service rate, the Customer will reimburse the Company for the cost of replacing the meter.

When the Customer has a significant increase in load and the Customer's existing meter is inadequate or incompatible with the requirements of measuring the increased load, the Company will replace the meter consistent with the terms in the "Existing System Modifications" section of this Tariff.

Company's Right to Remove Meter

The Company reserves the right to remove the gas meter and any and all of its other facilities installed on the Customer's Premises at any time when deemed necessary by the Company to protect such property from fraud, theft, damage, injury or destruction.

Additional Metering Information

Additional guidance on metering facilities can be found in the Gas Service Manual, available on MidAmerican's website at: <u>www.midamericanenergy.com</u>.

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MidAmerican

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SECTION 5 – RULES AND REGULATIONS (continued) Applicable to All Rates and Riders

3.00 TECHNICAL AND OPERATIONAL REQUIREMENTS (continued)

3.08 INSPECTIONS

The Company may, but is not required or obligated to, inspect Customer equipment when:

- Turning service on or off.
- Checking for gas leaks or venting problems.
- Investigating high or low gas pressure complaints.
- Reading meters.
- Relocating meters.
- Performing any other similar utility service.

The Company will, upon turning on the gas, perform a "no flow" check at the meter as a test for gas leaking from Customer piping. Any inspection of the Customer's piping and equipment by the Company is for the purpose of avoiding unnecessary interruptions of service to its Customers or damage to Company property and for no other purpose.

Additional Requirements for Customer-owned Farm Tap Facilities

Before taking service from the Company under Rate NF, customer-owned N Farm Tap facilities must be inspected by the Company and meet the following N safety requirements:

Initial items to identify:

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Ν

- If the customer-owned service line serves multiple end use points N utilized by different entities, the system would be a master meter N scenario and the PUC should be contacted since the PUC has N jurisdiction over master meter operators.
- 2. If a customer-owned service line runs across public right-of-way, the N service must be registered with SD 811. N

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SECTION 5 – RULES AND REGULATIONS (continued) Applicable to All Rates and Riders

3.00 TECHNICAL AND OPERATIONAL REQUIREMENTS (continued)

3.08 INSPECTIONS (continued)

Additional Requirements for Customer-owned Farm Tap Facilities (continued)

Procedure for verifying pipeline safety.

- 1. Complete initial shut-in test. (Pass = step 2/fail = step R)
- 2. Locate the farm tap and customer-owned service line. (Pass = step 3 / fail = step R) If farm tap or customer-owned service line runs across property owned by a third party, see step E.
- Leak survey the customer-owned service line. (Pass = step 4 / fail = step R)
- Verify customer-owned service line/customer fuel line materials are compliant and installation meets the fuel gas code (NFPA 54). (Pass = step 5 / fail = step R)
- 5. Verify customer-owned line valves to have 100% shut off. (Pass = step 6 /Fail = customer must correct situation)
- The customer-owned service line must pass a pressure test with a minimum of 150% of the system's operating pressure. (Pass = step 7 / T fail = step R)
- 7. Verify customer-owner regulators have adequate overpressure protection. (Pass = step 8 /Fail = customer must correct situation)
- 8. Verify all customer-owned regulators are outside or vented to the outside. (Pass = step 9 /Fail = customer must correct situation)



SECTION 5 – RULES AND REGULATIONS (continued) Applicable to All Rates and Riders

3.00 TECHNICAL AND OPERATIONAL REQUIREMENTS (continued) N 3.08 INSPECTIONS (continued) Ν Additional Requirements for Customer-owned Farm Tap Facilities (continued) Ν Ν <u>Procedure for verifying pipeline safety (continued)</u> Ν 9. Verify there are no non-compliant conditions with respect to appliances N or internal piping. (Pass = step 10 /Fail = customer must correct N situation) Ν 10. Complete final shut-in test. (Pass = step 11 / Fail = investigate N situation) Ν 11 Read customer meter. Customer now has gas service provided by N MidAmerican Energy. Ν E. If the farm tap and customer-owned service line are not entirely on the N customer's property, customer must provide an easement or other N written agreement from the property owner over which the line runs that N allows for Company access to the line. Ν R. Customer must replace or repair the customer-owned service line. An N excess flow valve must be installed on all replaced service lines. Return N to Step 5 above. Ν Company Liability Any inspection by the Company shall not be construed to impose any L liability upon the Company to the Customer or any other person by reason thereof. The Company shall not be liable or responsible for any loss, injury or 1 damage which may result from the use of or defects in the Customer's piping or equipment.



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SECTION 5 – RULES AND REGULATIONS (continued) Applicable to All Rates and Riders

3.00 TECHNICAL AND OPERATIONAL REQUIREMENTS (continued)

3.09 ALTERNATE OR BACKUP FUEL

The Customer shall notify the Company if the Customer intends to use alternate or backup fuel to supply all or a portion of the Customer's gas load requirements in a common fuel line fed by the Company's gas delivery system.

The minimum technical requirements for a Customer using alternate or backup fuels to supply all or a portion of the Customer's gas load requirements in a common fuel line fed by the Company's gas delivery system are set forth below:

- No firm service shall be used as a standby for interruptible service unless specifically provided by contract.
- All Customer installations shall adhere to any applicable requirements of the current edition of National Fuel Gas Code (NFPA 54) or any other industry or code requirements for the alternative fuel.
- The Customer will bear all costs to protect the Company's delivery system from the backflow of alternate and backup fuels under the "Excess Facilities" section of this Tariff.
- The Customer shall indemnify the Company, its officers, agents, and employees against all loss, damage, expense and liability to any persons, including the Customer, for injury to or death of persons or injury to property, including but not limited to consequential damages, interest, punitive damages, Customer's fees and court costs, proximately caused by the indemnifying party's construction, ownership, interconnection, operation, or maintenance of, or by failure of, any such party's works or facilities used in connection with this Tariff. The Customer shall, on the Company's request, defend any suit asserting a claim covered by this indemnity.
- The Customer agrees to make any necessary changes or adjustments to the additional facilities being operated in common to eliminate any backflow into the Company's distribution system.
- The Customers using alternate or backup fuel facilities may be disconnected by the Company from its system whenever, in the sole opinion of the Company, such action is required by an emergency, for reasons of safety or due to other operational concerns.

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