

UPPER MICHIGAN ENERGY RESOURCES CORPORATION

**RATE BOOK
FOR
NATURAL GAS SERVICE**

These Standard Rules and Regulations and Rate Schedules contained herein have been adopted by the company to govern its relations with customers and have been approved by the Michigan Public Service Commission as an integral part of its Rate Book for natural Gas Service.

Copies of the Company's Rate Book for Natural Gas Service are available on Upper Michigan Energy Resources Corporation's website at the following website address,

www.uppermichiganenergy.com/rates/rates.htm

Or at the Michigan Public Service Commission's website at the following website address,

<http://www.dleg.state.mi.us/mpsc/gas/tariffwpscgas.htm>

Territory

This Rate Book for Natural Gas Service applies to the entire territory served with Natural Gas by the Company.

**THIS RATE BOOK SUPERSEDES AND CANCELS RATE BOOK
M.P.S.C. No. 5 – Gas – Wisconsin Public Service Corporation**

Issued December 21, 2016
T. T. Eidukas
Vice-President,
Milwaukee, Wisconsin



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GAS SERVICE OR FRANCHISE AREA - NATURAL GAS



MUNICIPALITIES SERVED - NATURAL GAS

<u>County</u>	<u>Cities</u>	<u>Townships</u>
Menominee	Menominee	Ingallston Menominee

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TECHNICAL TERMS AND ABBREVIATIONS

Reserved for Future Use

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SUPPLEMENTAL UTILITY SERVICE CHARGES

NATURAL GAS

EFFECTIVE IN: All territory served.

1. GENERAL

The rates and charges shown in this rate schedule are not approved by the Michigan Public Service Commission. Changes will be made by the Company from time-to-time to include the current rates and charges for the services offered.

2. SUPPLEMENTAL UTILITY SERVICES

The Company will charge the prevailing Time, Material and/or Vehicle rates for services which shall include, but are not limited to, the following:

- a. Relocating Company owned facilities, including services and meters, when requested by the Customer.
- b. Repairs to correct safety code violations on Customer owned facilities when required by applicable laws, codes or regulations.
- c. Installing meter protection when the Customer fails or is unable to provide a safe location for the riser/meter assembly.
- d. Raising, straightening or lowering a meter set when the Company believes it is not necessary for the safety of its Customers and/or facilities; or when this work is required as a result of a grade change to the land.
- e. Upgrading Company owned facilities to accommodate increased gas usage by the Customer. The Customer's payment for this service may be partially offset by a credit based on the Customer's expected annual load increase.
- f. Installing a temporary meter set.
- g. Returning to the Customer's location a second (and each subsequent) time to perform requested work, when the second (and each subsequent) call is required due to the Customer not being ready for the Company to perform the requested work.

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SUPPLEMENTAL UTILITY SERVICE CHARGES

NATURAL GAS

(Continued from Sheet No. A-9.00)

3. EXCESS FLOW VALVES

a. When the Company is requested to install an Excess Flow Valve, a non-refundable charge, payable in advance, shall be paid by the Customer as follows:

(1) The Company will charge \$50.00 for the installation of an Excess Flow Valve on a new or replaced gas service.

(2) The Company will charge the prevailing Time, Material and/or Vehicle rates for the installation or removal of an Excess Flow Valve on an existing gas service.

b. The Company will charge the prevailing Time, Material and/or Vehicle rates for any maintenance regarding these valves (including the resetting of a tripped excess flow valve) that, in the Company's sole discretion, is the direct result of customer negligence or misuse.

4. RATES

a. Effective November 8, 2007, the Time, Material and Vehicle rates are as follows:

(1) Time:

7am-5pm, Monday-Saturday: \$73.90 per person per hour.

5pm-7am, Monday-Saturday: \$90.00 per person per hour.

Sundays and Company Holidays: \$106.20 per person per hour.

(2) Material:

The actual cost of any material, plus warehousing charges.

(3) Vehicle:

Air Compressor: \$70.28/hour.

Backhoe: \$30.30/hour.

Gas Street Truck: \$15.35/hour.

Service Truck: \$10.17/hour.

Specialty Truck: \$23.68/hour.

Trencher: \$36.99/hour.

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SECTION B

B1. TECHNICAL STANDARDS FOR GAS SERVICE (R 460.2301 – R 460.2384)
(FOR ALL CUSTOMERS) Natural Gas
http://w3.lara.state.mi.us/orrsearch/108_06_AdminCode.pdf

- PART 1. GENERAL PROVISIONS
R460.2301 Definitions
R460.2302 Application, Intention, and Interpretation of Rules; Utility Rules and Regulations
- PART 2 RECORDS, REPORTS, AND OTHER INFORMATION
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- PART 3 SERVICE REQUIREMENTS
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R460.2342 Standards of Accepted Engineering Practice
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R460.2352 Diaphragm-Type Meters; Meter Tests; Reports
R460.2353 Retirement of Meters
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 - R460.2362 Determination of Adjustment;
 - R460.2363 Refunds
 - R460.2364 Rebilling
 - R460.2365 Consumption Data Records
- PART 7 SHUTOFF OF SERVICE
- R460.2371 Conditions for Establishing Gas Service; Liability; Notice and Record of Inability to Establish Service; Refusal of Service to Customer Using Other Gaseous Fuel; Exception
 - R460.2372 Gas Facilities Hazard
 - R460.2373 Shutoff of Service
 - R460.2374 Customer Notification of Shutoff of Service
- PART 8 GAS QUALITY
- R460.2381 Gas Purity
 - R460.2382 Heating Value; Authorized Variations
 - R460.2383 Heating Value Records; Location and Accuracy of Measuring Equipment; Frequency of Heating Value Determination

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B2. CONSUMERS STANDARDS AND BILLING PRACTICES (R 460.101 – R 460.169)
FOR ELECTRIC AND GAS RESIDENTIAL SERVICE Natural Gas
http://w3.lara.state.mi.us/orrsearch/107_92_AdminCode.pdf

- PART 1. GENERAL PROVISIONS AND DEFINITIONS
- R 460.101 Application of Rules
 - R 460.102 Definitions
 - R 460.103 Discrimination Prohibited
 - R 460.104 Conduct of Proceedings
 - R 460.105 Additional Rules
- PART 2. APPLICATION FOR SERVICE
- R 460.106 Service Requests for New or Previous Customers
 - R 460.107 Applicant Information
- PART 3. DEPOSITS AND GUARANTEE TERMS AND CONDITIONS
- R 460.108 Prohibited Practices
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 - R 460.123 Bill Information
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R 460.127 Voluntary Termination
- PART 7. UTILITY PROCEDURES
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R 460.129 Complaint Procedures
R 460.130 Personnel Procedures
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R 460.141 Manner of Shutoff
R 460.142 Manner of Shutoff for Service Provided With Remote Shutoff and Restoration Capability
R 460.143 Shutoff Prohibited
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B2. CONSUMERS STANDARDS AND BILLING PRACTICES (R 460.101 – R 460.169)
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- R460.165 Failure to Comply With Informal Appeal Decision
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- R460.169 Scope of Rules

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B3. UNCOLLECTIBLES ALLOWANCE RECOVERY FUND – RESCINDED (R 460.2601 - R 460.2625)
Natural Gas
http://w3.lara.state.mi.us/orrsearch/108_09_AdminCode.pdf

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R460.2602 Definitions

PART 2. UNCOLLECTIBLES ALLOWANCE RECOVERY FUND

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R460.2623 Notice of Deposit
R460.2624 Disputes; Procedure for Resolution
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B4. BILLING PRACTICES APPLICABLE TO NON-RESIDENTIAL
ELECTRIC AND GAS CUSTOMERS

(R460 1601 – R460.1640)
Natural Gas

(Applicable to Non Residential and Multifamily Dwelling
Service Rate A-1 Customers)

http://w3.lara.state.mi.us/orrsearch/108_03_AdminCode.pdf

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R 460.1605	Additional rules.
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R 460.1622	Customer complaints; investigation; records.
R 460.1623	Records and reports.
R 460.1624	Notice of shutoff.
R 460.1625	Denial or shutoff of service to customers.
R 460.1626	Manner of shutoff for service provided with remote shutoff and restoration capability.
R 460.1628	Disputed claim.
R 460.1629	Settlement agreement.
R 460.1630	Default of settlement agreement.
R 460.1631	Informal hearing and hearing officers.
R 460.1632	Notice of hearing.

(Continued to Sheet No. B-8.00)

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(Continued from Sheet No. B-7.00)

B4. BILLING PRACTICES APPLICABLE TO NON-RESIDENTIAL ELECTRIC AND GAS CUSTOMERS (R460 1601 – R460.1640)
Natural Gas

(Applicable to Non Residential and Multifamily Dwelling Service Rate A-1 Customers)

http://w3.lara.state.mi.us/orrsearch/108_03_AdminCode.pdf

R 460.1633	Hearing procedures.
R 460.1634	Informal appeal procedures.
R 460.1635	Interim determination.
R 460.1636	Appeal review.
R 460.1637	Shutoff pending decision.
R 460.1638	Informal appeal decision.
R 460.1639	Failure to comply with informal appeal decision.
R 460.1640	Scope of rules.

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SECTION C
COMPANY RULES AND REGULATIONS

C1. GENERAL RULES

NATURAL GAS

1. APPLICATION FOR SERVICE

All parties desiring service must make application to the company before commencing the use of the company's service. Separate application or contract shall be made for each class of service at each separate location.

Receipt of service, however, shall make the receiver a customer of the company, subject to its rates, rules and regulations, whether service is based upon contract, signed application, or otherwise.

The company will furnish gas to a customer at any one building through a single service and will furnish and maintain the equipment necessary for metering and regulating the gas supplied. The customer will provide a suitable space for such equipment.

The title to all extensions herein provided for, together with all necessary rights-of-way, permits, and easements, shall be and remain in the company. As a condition of receiving service, the customer shall grant to the company a free right-of-way on his property for the necessary construction, operation, and maintenance of the portion of the extension necessary to serve him or other customers and shall execute in advance of construction such instruments as are necessary.

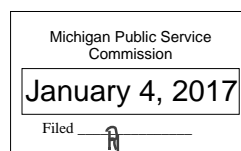
Customers requesting service agree to begin taking service within two months after the company completes the installation of the extension necessary to render service.

The utility shall not be required to start construction of the new facilities prior to the time the premises to be served have been piped and equipped to use gas service or prior to the time the customers have entered into contracts for the installation of piping and equipment.

If the company is not assured to its own satisfaction as to the stability and economic feasibility of any project, a suitable payment in advance, an extension of the term of contract, and/or a minimum annual guarantee over such term may be required.

(Continued on Sheet No. C-2.00)

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COMPANY RULES AND REGULATIONS
(Continued from Sheet No. C-1.00)

C1. GENERAL RULES

NATURAL GAS

2. TERM OF CONTRACT

All agreements for service shall be for a period of one year unless otherwise specified in the contract. Contracts are automatically renewed at the end of their term under the conditions stated.

Subject to its rates, rules, and regulations, the company will continue to supply service until ordered to discontinue, and the customer will be responsible for payment for all service furnished until discontinued.

No agent or employee of the company shall have the power to, or shall amend, modify, alter or waive any of the rates or rules of the company or bind the company by making any promise or representation not incorporated in the contract.

Contracts shall not be transferred unless authorized by the company; new occupants of premises previously receiving service must make official application to the company before commencing the use of service.

Customers who have been receiving service must notify the company when discontinuing service, otherwise they will be liable for the use of the service by their successors should said successors refuse to pay.

3. CONTINUITY OF SERVICE

The company will use reasonable care to provide an uninterrupted and regular supply of service, but shall not be liable for any loss, injury, or damage resulting from interruptions, deficiencies or imperfections of service not due to willful default or negligence on its part.

Without limiting the generality of the foregoing, the company shall have the right to cause service to any customer to be interrupted or limited at any time without liability, by automatic devices or otherwise, when in the judgment of the company such interruption or limitation is necessary or desirable due to emergency conditions.

4. APPLICATION OF RATES

All schedules apply to gas service furnished in any one month to one customer through one meter. The company's entire rate structure is based on delivering and billing service to the ultimate user. Unless otherwise specified, all rates apply only to retail service and do not permit resale or redistribution.

Rent inclusion, defined as the furnishing of gas service as an incident to tenancy with the charge therefore being included in the rent without identification, is permitted.

(Continued on Sheet No. C-3.00)

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COMPANY RULES AND REGULATIONS
(Continued from Sheet No. C-2.00)

C1. GENERAL RULES

NATURAL GAS

5. CENTRALLY METERED INSTALLATIONS

a. Definition

A centrally metered installation is one that meets all of the following conditions:

- 1) The installation is served by a single meter set assembly ("meter set assembly" means the piping and fittings which are installed to connect the inlet side of the meter to the gas service line, and to connect the outlet side of the meter to the customer's fuel line); and,
- 2) The fuel lines are buried underground from the central meter set assembly to the location at which each fuel line enters each customer's building or mobile home at its outside wall; and,
- 3) Where the complex consists of buildings, two or more separate buildings (such as apartments, multiple family dwellings, dormitories, or similar type buildings) are supplied with gas, and at least two buildings so supplied contain four or more living units, or, where the complex consists of mobile homes, four or more mobile homes used as living units are supplied with gas.

b. Effective with the date of this schedule, the company does not serve any existing centrally metered installations, nor will it extend gas service to any such facility.

6. DEFINITIONS OF CUSTOMERS

a. Natural gas customers shall be classified as one of the following:

1) RESIDENTIAL

Utilizing natural gas in a single family dwelling or an individually metered apartment.

(Continued on Sheet No. C-4.00)

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COMPANY RULES AND REGULATIONS
(Continued from Sheet No. C-3.00)

C1. GENERAL RULES

NATURAL GAS

- 2) COMMERCIAL
Utilizing natural gas while engaged primarily in wholesale or resale trade, agriculture, forestry, fisheries, transportation, communication, sanitary services, finance, insurance, real estate, personal services (clubs, hotels, two or more households served through a single meter), schools, government, and/or service that does not fall directly within one of the other classifications.
 - 3) INDUSTRIAL
Utilizing natural gas in a process which creates or changes raw or unfinished materials into another form or product as defined in the Standard Industrial Classification (SIC).
- b. Natural gas customers shall be further subclassified as one of the following:
- 1) GENERAL
Utilizing natural gas for other than space heating.
 - 2) SPACE HEATING
One or more pieces of equipment having a total manufacturer's input rating of 40,000 Btu per hour or more for the purpose of raising atmospheric temperature in any structure.
- c. Natural gas customers shall be designated either:
- 1) YEAR-ROUND
One who normally occupies premises the entire year.
 - 2) SEASONAL
One who normally occupies premises only during portions of the year.
7. EFFECTIVE DATE
As provided on rate schedule.
8. BILLING PERIOD
Bills for service will be rendered monthly unless otherwise specified. The term "month" for billing purposes will mean the period between any two consecutive readings of the meter by the company, such readings to be taken as nearly practicable every 30 days.

(Continued on Sheet No. C-5.00)

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COMPANY RULES AND REGULATIONS
(Continued from Sheet No. C-4.00)

C1. GENERAL RULES

NATURAL GAS

9. ACCESS TO CUSTOMER'S PREMISES

Authorized agents of the company shall have access to customer's premises at all reasonable times for the purpose of reading meters, making repairs, making inspections, removing company's property, or for any other purpose incident to the service.

10. RECONNECTION BILLING - SAME CUSTOMER

The company's rate schedules assume continuous use of service for extended periods and do not contemplate temporary disconnection except in those cases where it is requested by seasonal customers or others who occupy premises part of the time. Temporary disconnection by any customer shall not void responsibility for annual minimum charges where applicable.

In the event of disconnection, when service is resumed at the same premises by the same customer within a 12-month period, and if there has been no service at such location to another customer during the intervening period, a charge shall be made according to the following conditions:

- a. For electric and gas service together, the Reconnection Charge shall be:

During Regular Hours* - All Territory Served	\$20.00
Outside Regular Hours** - All Territory Served	\$60.00

- b. For gas service only, the Reconnection Charge shall be:

During Regular Hours* - All Territory Served	\$20.00
Outside Regular Hours** - All Territory Served	\$60.00

* Excluding all day Saturday, Sunday, and holidays.

** Including all day Saturday, Sunday, and holidays. Additional charge not applicable to customers disconnected for nonpayment of bills or failure to comply with deposit and guarantee rules.

11. CONNECTION OR DISCONNECTION BILLING

When application is made for service with the request that meters be connected or disconnected outside regular hours or on Saturdays or Sundays or holidays, the charges specified for reconnections outside regular work hours.

(Continued on Sheet No. C-6.00)

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COMPANY RULES AND REGULATIONS
(Continued from Sheet No. C-5.00)

C1. GENERAL RULES

NATURAL GAS

12. BILLING FOR FRACTIONAL MONTH'S GAS SERVICE

When a customer's use of service is for a fractional month, the company will, unless specific provision would conflict, prorate the bill for the period on the following basis:

a. Customer Charge

1) Initial Bills

- a) 10 days or less: Include consumption and daily customer charge in next billing.
- b) 11 days or more: Equal to the applicable Daily Customer Charge multiplied by the number of days of service usage.

2) Pickup Billing

Equal to the applicable Daily Customer Charge multiplied by the number of days of service usage.

3) Final Bills

- a) Zero use for period up to and including 20 days: No bill.
- b) All others: Equal to the applicable Daily Customer Charge multiplied by the number of days of service usage.

b. Other Fixed Monthly Rates/Charges

1) Initial Bills

- a) 10 days or less: Include consumption in next billing.
- b) 11 days to 24 days inclusive: Prorate on daily basis.
- c) 25 days to 35 days inclusive: Bill as one month.
- d) Over 35 days: Prorate on a daily basis.

2) Pickup Billing

- a) 25 to 35 days inclusive: Bill as one month.
- b) All others: Prorate on daily basis.

3) Final Bills

- a) 25 to 35 days inclusive: Bill as one month.
- b) Zero use for period up to and including 20 days: No bill.
- c) All others: Prorate on a daily basis.

c. Temporary Customers

Customers whose total length of service is less than 30 days: Bill as one month.

d. Annual Minimums

Prorate part year on a monthly basis.

(Continued on Sheet No. C-7.00)

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COMPANY RULES AND REGULATIONS
(Continued from Sheet No. C-6.00)

C1. GENERAL RULES

NATURAL GAS

13. DIVERSION OF SERVICE

When the company determines from reasonable evidence that a customer has obtained gas service, in whole or in part, whether intentionally or not, by means of devices or methods which interfere with the proper metering of such service, the company reserves the right to estimate and present to such customer for immediate payment a bill to include the following:

- a. The deficiency in revenue occasioned by such interference with the proper metering for the entire period of such diversion as determined from inspection of the customer's meter record and/or the customer's admission of the duration of such interference or any other evidence indicating the duration and extent of such interference.
- b. The cost of any and all damage done to the company's equipment due to such interference with its metering.
- c. The cost incurred by the company in investigation and correction of the diversion (such as the cost of installing, reading, testing, and removing meters, and such other incidental costs) limited in amount when over \$6.00 to 15% of the deficiency in revenue as set forth in subsection a. above.

If the customer fails within five days to arrange to comply with these requirements, either in payment of the above-mentioned bill or in changing the piping and metering, the company will discontinue service after 24-hour notice of disconnection and will not restore it again until the customer has complied with such requirement.

Nothing in these rules shall preclude the right of the company to prosecute, according to law, customers apprehended in the diversion of service.

14. BUDGET BILLING PLAN

a. Definition

The Budget Billing Plan distributes the estimated annual payments required into equal amounts over a 12-month period to lessen the impact of large bills incurred in a few consecutive months.

An adjustment is applied to the bills due during the first 11 months of the budget year to make the amount due for current service equal to the budget amount. The difference between the actual billing and the budget amount is accumulated as "not due" and is applied to the bill due the last month of the budget year unless the customer discontinues service before that time or the budget is cancelled for some reason

(Continued on Sheet No. C-8.00)

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COMPANY RULES AND REGULATIONS
(Continued from Sheet No. C-7.00)

C1. GENERAL RULES

NATURAL GAS

- b. Availability
The Budget Billing Plan is available to all prospective and existing year-round residential and commercial customers with monthly charges not to exceed \$1,000 and no past due amounts. A budget payment plan may be established at any time of the year.
- c. Budget Amount and Administration
The monthly budget amount shall be calculated by the utility on the basis of the estimated consumption and estimated applicable rates through the end of the budget year. A budget year begins with the customer's first bill on the budget plan and ends after 12 months.

An applicant for a budget plan shall be informed at the time of application that budget amounts shall be reviewed and changed every six months, if necessary, in order to reflect current circumstances. Adjustments to the budget amount will be made with the objective that the customer's underbilled or overbilled balance in the 12th month of the budget year shall be equal to one month's budget amount.

Customers on the budget payment plan shall be notified of adjustments through either a bill insert or message on the bill. When an adjustment is made to a budget payment amount, the customer will be informed of the adjustment at the same time the bill containing the adjustment is rendered.

Customers who have arrearages shall be allowed to establish a budget payment plan by signing a deferred payment agreement for the arrears. The deferred payment amount is not subject to the late payment charge. However, budget payment plans shall be subject to the late payment charge. In addition, if a budget payment is not paid, the customer shall be notified with the next billing that if proper payment is not received subsequent to this notification, the next regular billing may effectuate the removal of the customer from the budget plan and reflect the appropriate amount due.

At the end of a budget year, if an underbilled or overbilled balance exists in a customer's account, the balance shall be handled as follows:

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COMPANY RULES AND REGULATIONS (FOR ALL CUSTOMERS)

(Continued from Sheet No. C-8.00)

C1. GENERAL RULES

NATURAL GAS

- 1) A customer's debit balance will be consolidated into the new budget amount or, at the customer's option, will be paid in full or, on a deferred basis.
 - 2) A customer's credit balance will be applied against the customer's account or, at the customer's option, a refund will be made or, it will be consolidated into the new budget amount.
- d. Determination of Budget Amount
The regular budget amount is determined by taking the actual energy related bill amount and dividing this by the number of billing days in the period to get an average cost per day. This average cost per day is then multiplied by 30 to determine a monthly amount. The monthly amount may be multiplied by a multiplier for rates and a multiplier for weather.
- e. Billing Method
The difference between actual service used and the budget amount is calculated monthly during the budget year. The adjustment may be a charge or credit to make the amount due for current service, including yard lighting, equal to the budget amount. The adjustment is printed on all bills during the customer's budget year.

All budget accounts are billed as scheduled each month. The readings are estimated if an actual reading is not obtained. The adjustment to any "late cycle" billing of budget accounts is made equal to the amount of the billing, since the budget amount has already been billed.

The difference between the actual billing and budget amount (the adjustment) is accumulated each month as "not due". The not due balance, including the current adjustment, is printed at the bottom of the bill and may be a charge or a credit.

The amount remaining as "not due" is applied to the bill due at the end of the customer's budget year unless the customer discontinues service before that time or the budget is cancelled. If the budget amount is accurate, the weather is normal, and there are no rate or tax changes, the balance should be roughly equal to the budget amount. The "not due" balance is applied to the final bill if the customer discontinues service.

(Continued on Sheet No. C-10.00)

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COMPANY RULES AND REGULATIONS
(Continued from Sheet No. C-9.00)

C1. GENERAL RULES

NATURAL GAS

15. PREFERRED DUE DATE BILLING SERVICE

- a. Available to residential, farm and small commercial and industrial customers. Commercial and Industrial customers with annual charges exceeding \$120,000 will be limited to choosing a bill due date that is within 21 days after billing, as provided for in Paragraph 9b of this tariff.
- b. Upon request by a customer, the company will set the gas service bill due date as requested by the customer. The customer can choose the following options for their bill due date:
 - 1) Same business day of each month (*i.e.* 3rd business day of each month); or
 - 2) Same calendar day of each month (*i.e.* 3rd day of each month). For months when the selected calendar day falls on a holiday or weekend, the bill shall be due the next business day; or
 - 3) 10, 15, or 20 days from the bill mail date.
- c. Customers will be removed from the Preferred Due Date Billing Service if payment is not received by the date of the billing of the 2nd billing cycle. Customers can return to the Preferred Due Date Billing Service upon working out payment arrangements with the company.
- d. Except as provided for in Paragraph 19(a), customers using this service are not subject to the bill due dates listed in Paragraphs 9(a) or 9(b) of this tariff.
- e. Once a Preferred Due Date is selected, customers may change their Preferred Due Date only once per calendar year.

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COMPANY RULES AND REGULATIONS
(Continued from Sheet No. C-10.00)

C1. GENERAL RULES

NATURAL GAS

- f. Except as provided by the Preferred Due Date Billing Service, all other practices relating to the Discontinuation of Service will be provided in accordance with the Consumer Standards and Billing Practices For Residential Gas and Electric Service, and the Billing Practices Applicable to Commercial and Industrial Gas Customers.

16. UN-HONORED CHECKS AND ELECTRONIC TRANSFERS

When a customer issues a check or authorizes an electronic transfer payment to the Company that a bank or other financial institution fails to honor (for reasons of insufficient funds, account closed, stop payment order issued, etc.), the customer shall be billed an additional charge of \$15.00 per check or electronic transfer.

17. METERING

The normal service shall be to the prescribed meter location along the customer's building wall nearest the gas main or beyond this wall on either side of the building up to a maximum distance of three feet.

The customer shall protect from loss or damage the meter (or meters), meter connections, regulators and other property place on the premises of the customer at the expense of the company and shall permit no person, other than an authorized representative of the company, to remove, inspect or tamper with the meter (or meters).

(Continued on Sheet No. C-12.00)

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COMPANY RULES AND REGULATIONS
(Continued from Sheet No. C-11.00)

C1. GENERAL RULES

NATURAL GAS

18. TRANSPORTATION STANDARDS OF CONDUCT

This rule is intended to promote fair competition and a level playing field among all participants involved in gas transportation within the Company's gas service territory. The Company will conduct its business to conform to the following standards of conduct:

- a. The Company will apply any tariff provision relating to transportation service in the same manner without discrimination to all similarly situated persons.
- b. The Company will not give its marketing affiliate or customers of its affiliate preference over non-affiliated gas marketers or their customers in matters relating to transportation service including, but not limited to, nominating, balancing, metering, billing, storage, standby service, curtailment policy, or price discounts.
- c. The Company will not communicate to any customer, supplier or third parties that any advantage may accrue to such customer, supplier or third party in the use of the Company's services as a result of that customer, supplier or other third party dealing with its marketing affiliate and shall refrain from giving any appearance that it speaks on behalf of its affiliate.
- d. The Company will process all similar requests for transportation service in the same manner and within the same period of time.
- e. If a customer requests information about marketers, the Company will provide a list of all marketers operating on its system, including its affiliate, but will not promote its affiliate.
- f. To the extent the Company provides to its marketing affiliate a discount or information related to the transportation, sales or marketing of natural gas, including but not limited to the Company's customer lists, that is not readily available or generally known to any other marketer or supplier, it will provide details of such discount or provide the information contemporaneously to all potential marketers on its system that have requested such information.

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COMPANY RULES AND REGULATIONS
(Continued from Sheet No. C-12.00)

C1. GENERAL RULES

NATURAL GAS

- g. The Company will not condition or tie its agreement to release interstate pipeline capacity to any agreement by a gas marketer, customer or other third party relating to any service in which its marketing affiliate is involved.
- h. The Company will not condition or tie an agreement to provide a transportation discount to any agreement by a marketer, customer or other third party relating to any service in which its marketing affiliate is involved.
- i. The Company's operating employees and the operating employees of its marketing affiliate will function independently of each other, be employed by separate corporate entities, and reside in separate offices.
- j. The Company will keep separate books of accounts and records from those of its marketing affiliate.

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COMPANY RULES AND REGULATIONS

C2. CURTAILMENT PLAN

NATURAL GAS

1. GENERAL

Whenever the Company determines that system gas supply (including storage gas volumes needed to meet future demand) and/or interstate pipeline capacity is insufficient to meet the requirements of all customers (including transportation customers utilizing daily balancing or the monthly cashout mechanisms), and/or that a distribution system capacity shortage or a force majeure on the distribution system exists which reduces the amount of gas that can be delivered to customers, the Company may initiate curtailment of service. When a curtailment of deliveries is to be made, the Company shall determine the quantity of gas which each system sales customer shall be entitled to receive and shall promptly notify each affected system sales customer of the period of curtailment and the quantity of gas the customer will be entitled to receive during such period. Such notice shall be given as far in advance as is reasonably possible. The Company may change the curtailment period and the quantity of gas customers will be entitled to receive if conditions require.

2. EXCEPTIONS

Such curtailment shall be in the order shown in Paragraph 4 below with the following additional conditions and exceptions:

- a. The Company may, due to localized problems on the distribution system, curtail only specific locations on the Company's distribution system if this limited curtailment is sufficient to control gas usage within acceptable physical limits. The curtailment schedule listed in Paragraph 4 below need not be adhered to in this localized area.
- b. If any customer notifies the Company in writing that a planned curtailment will result in emergency conditions or shutdown of operations, the Company may, if gas supply, interstate pipeline capacity and distribution system limitations permit, depart from the priorities listed in Paragraph 4 and allow that customer to use gas when he would normally be curtailed. The Company shall be under no obligation to grant emergency adjustments to the curtailment plan but shall make such adjustments when, in the Company's sole judgment, conditions warrant it, subject to review by the Commission.
- c. The Company may physically valve-off, for the remainder of the Gas Day, the gas supply for any customer taking service under Rate Schedule GT who is consuming gas in excess of the amount of gas it is delivering to the Company's system.

(Continued on Sheet No. C-15.00)

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COMPANY RULES AND REGULATIONS
(Continued from Sheet No. C-14.00)

C2. CURTAILMENT PLAN

NATURAL GAS

3. PENALTY

If, during any curtailment in accordance with this plan, any customer, other than a customer taking service under Rate Schedule GT, takes a volume of natural gas in excess of that provided, such customer shall pay to the Company a penalty of one dollar (\$1.00) per therm, together with charges otherwise payable to the Company for the volumes consumed. The penalty rate for customers taking service under Rate Schedule GT is defined in Rate Schedule GT. The payment of a penalty shall not, under any circumstances, be considered as giving such customer the right to take unauthorized natural gas. Should the customer continue to take unauthorized natural gas, the Company may disconnect service.

4. CURTAILMENT SCHEDULE

- a. Declare a High-Flow Constraint Day, as defined in Rate Schedule GT, for customers taking service under Rate Schedule GT.
- b. Curtail customers taking service under Rate Schedule CgLM; and if the Company is physically unable to re-deliver gas delivered to the Company's system by a customer taking service under Rate Schedule GT, curtail that customer.
- c. Curtail customers taking service under Rate Schedule CgSM.
- d. Curtail customers taking service under Rate Schedule GRgM.

5. DEFINITIONS

- a. Company
Upper Michigan Energy Resources Corporation
- b. Curtail/Curtailment
Curtail and/or Curtailment refers to a reduction in gas deliveries or gas sales necessitated by:
 1. A shortage of supply (including storage gas volumes needed to meet future demand), or
 2. Interstate pipeline capacity that is insufficient to meet the requirements of all customers (including transportation customers utilizing the daily balancing or monthly cashout mechanisms), or

(Continued on Sheet No. C-16.00)

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COMPANY RULES AND REGULATIONS
(Continued from Sheet No. C-15.00)

C2. CURTAILMENT PLAN

NATURAL GAS

3. A distribution system capacity shortage, or a force majeure on the distribution system which reduces the amount of gas that can be delivered to the customer.
- c. Force Majeure
No failure or delay in performance of an agreement for natural gas service by either the Company or the customer shall be deemed to be breach thereof when such failure or delay is occasioned by or due to any act of God, strikes, lockouts, acts of the public enemy, wars, blockades, insurrections, riots, epidemics, landslides, lightning, earthquakes, fires, storms, floods, washouts, arrests and restraints of rulers and peoples, civic disturbances, explosions, sabotage, breakage, or accident to machinery or equipment, the binding order of any court or governmental authority, or any other cause of the kind herein enumerated not within the control of the party claiming suspension; provided that no cause or contingency shall relieve the customer of its obligation to make payment for gas delivered by the Company.
- d. Gas Day
Gas Day shall mean a period of consecutive hours beginning at 9 a.m. Central Clock Time and ending on the following 9 a.m. Central Clock Time. A Gas Day shall generally last for 24 hours, except when time changes occur. The reference date for any day shall be the date of the beginning of such day.
- e. Incremental Costs:
For purposes of the Surcharge For Unauthorized Use of Gas, the Incremental Costs shall be the higher of "1" or "2" below:
1. The highest cost gas (inclusive of any related excess imbalance fees) which the Company is charged by the interstate pipeline(s) serving the Company's system for any gas imbalance cashout during the Gas Day of unauthorized use.
 2. The highest daily spot market price of gas for the Gas Day of unauthorized use as reported in Gas Daily for receipt points accessible to the Company, plus a cost component which recovers the equivalent value of the highest applicable interstate pipeline transportation and storage charges, including capacity charges, storage withdrawal charges, volumetrically-applied commodity charges, fuel charges and applicable surcharges at the time of the unauthorized use.

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COMPANY RULES AND REGULATIONS

C3. CUSTOMER ATTACHMENT PROGRAM

NATURAL GAS

EFFECTIVE IN All territory served.

1. EXTENSION OF DISTRIBUTION FACILITIES

The Company proposes to make extension of its gas mains and/or service lines from time to time, at its own costs, to serve applicants whose requirements will not disturb or impair the service to prior users or will not require an expenditure out of proportion to the expected revenue obtainable therefrom.

The Company reserves the right to delay or deny a request for service under this Schedule, if fulfilling such a request could, in the Company's opinion, create conditions potentially adverse to the Company or its customers. Such conditions may include, but are not limited to, safety issues, system operating requirements or capital constraints. The provisions under this Schedule are in addition to the existing rules and tariffs for customer gas service.

The company will furnish gas to a customer at any one building through a single service and will furnish and maintain the equipment necessary for metering and regulating the gas supplied. The customer will provide a suitable space for such equipment.

2. CUSTOMER CONTRIBUTION

A customer contribution shall be required equal to any applicable Fixed Monthly Surcharge plus any Excessive Service Line Fee.

3. PAYMENT OF CUSTOMER CONTRIBUTION

For all customers other than land developers and builders, the Customer Contribution shall be paid as follows:

The Excessive Service Line Fee is payable in a lump sum at the time the service contract is executed by the customer or prior to installation of the service if the Fee is greater than \$200. If less than \$200, the Excessive Service Line Fee will be payable with the customers first bill.

(Continued on Sheet No. C-18.00)

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COMPANY RULES AND REGULATIONS
(Continued from Sheet No. C-17.00)

C3. CUSTOMER ATTACHMENT PROGRAM

NATURAL GAS

The Excessive Service Line Fee is refundable if the service line has not been installed. If the service line has been installed the Excessive Service Line Fee is nonrefundable.

The Fixed Monthly Surcharge shall be payable monthly throughout the surcharge period. The surcharge period shall commence the January 1st following the start of construction. The Fixed Monthly Surcharge will commence at the start of the surcharge period or on the date that the customer receives gas service or six (6) months following the date the service agreement is executed by the customer, whichever occurs first at or after the start of the surcharge period. The customer may at any time elect to pay off the present value of the remaining monthly payments. If the present value of the Fixed Monthly Surcharge is less than \$200.00, the Company may require the customer to make a lump sum payment. The Fixed Monthly Surcharge is assessed to the property served such that any subsequent customer requesting gas service at the property address, once notified by the Company of the amount and duration of such surcharge, shall be liable for the Fixed Monthly Surcharge. Such notification may be verbal, written or in the form of a bill which includes the Fixed Monthly Surcharge. Failure of sellers, agents, lessors or other non-company parties to notify a customer of the Fixed Monthly Surcharge shall not relieve the customer's obligation to pay the Fixed Monthly Surcharge. Failure by the customer to timely pay the Fixed Monthly Surcharge shall result in the discontinuation, termination or denial of natural gas service.

For land developers and builder, the Fixed Monthly Surcharge shall be required in a lump sum in advance of the facility expansion. Excessive Service Line Fees will be calculated at the time of construction and paid to the company by the land developer or builder.

(Continued on Sheet No. C-19.00)

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COMPANY RULES AND REGULATIONS
(Continued from Sheet No. C-18.00)

C3. CUSTOMER ATTACHMENT PROGRAM

NATURAL GAS

4. EXCESSIVE SERVICE LINE FEE

The Excessive Service Line Fee will be assessed to a customer whose service line requirement is in excess of the Service Line Limit. The Service Line Limit is equal to 60 feet. The Excessive Service Line Fee will equal the estimated cost of the service line footage in excess of the Service Line Limit. The Fee will be considered a contribution to construction.

5. FIXED MONTHLY SURCHARGE

A Fixed Monthly Surcharge (Surcharge) will be calculated for each Customer Attachment Project (Project). The Surcharge will be considered a contribution to construction. The Surcharge is calculated such that the net present value (NPV) of the anticipated revenue requirement of the Project will equal zero. The Surcharge will be recoverable over a predetermined time period, not to exceed ten years. The Company will be responsible for determining the appropriate Surcharge time period. The Surcharge will be a fixed dollar amount for all customers within the Project and will expire on the same date for all customers within the Project, regardless of when the Surcharge was initially assessed to the customer. The Surcharge will not be subject to adjustment, reconciliation or refund. A customer who attaches to a Project after the Surcharge period has expired or a customer whose proposed attachment was beyond the scope of the original Project, will be treated as a separate Project.

6. CUSTOMER ATTACHMENT PROJECT

A project may consist of a single customer, requiring only the installation of a service line and meter, or may consist of numerous customers requiring the installation of mains, service lines and meters. A Project will generally be defined as a customer or group of customers that may be served from the contiguous expansion of new distribution facilities.

(Continued on Sheet No. C-20.00)

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COMPANY RULES AND REGULATIONS
(Continued from Sheet No. C-19.00)

C3. CUSTOMER ATTACHMENT PROGRAM

NATURAL GAS

7. REVENUE REQUIREMENT

A discounted cost of service model (Model) will be used to calculate the net present value (NPV) of the Revenue Requirement anticipated from the project. The Model will use the expected incremental revenues, customer contributions and incremental costs associated with the Project for each year of a thirty-seven year period. Within the Model the customer contributions will be adjusted until the NPV of the Revenue Requirements is equal to zero. If at zero customer contributions the NPV is positive, or discounted revenues exceed costs, then a customer contributions of zero will be used.

8. MODEL ASSUMPTIONS

a. Incremental Revenues:

The incremental revenues will be calculated based on current rates and a forecast of the timing and number of customer attachments as well as the customer's annual consumption levels.

b. Incremental Costs:

1) Rate of Return

The Rate of Return will be a pre-tax weighted rate. The cost will be equal to and weighted in proportion to those authorized in the Company's most recent rate order. Based on WPSC's rate order in Case No. U-7502, dated June 7, 1983, the Carrying Cost Rate is equal to 9.11%.

(Continued on Sheet No. C-21.00)

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COMPANY RULES AND REGULATIONS
(Continued from Sheet No. C-20.00)

C3. CUSTOMER ATTACHMENT PROGRAM

NATURAL GAS

2) Plant in Service

Plant in Service shall reflect the Company's estimated cost to construct distribution mains, customer service lines, meters and pressure regulators or regulating facilities for the Project. The timing of the facility investment, primarily service lines, will correspond with the project timing of the customer attachments.

The facility investment for an individual customer service line will be limited to 60 feet.

3) Rate Base

Rate Base shall reflect the average of beginning and end-of-year net plant, Plant in Service minus accumulated depreciation minus deferred taxes.

4) Return on Rate Base

The Return on Rate Base will be the product of the Rate Base multiplied by the Rate of Return, noted in paragraph (1) above.

5) Depreciation

Depreciation expense will be the product of Plant in Service multiplied by the appropriate prescribed depreciation rates approved for the Company.

(Continued on Sheet No. C-22.00)

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COMPANY RULES AND REGULATIONS
(Continued from Sheet No. C-21.00)

C3. CUSTOMER ATTACHMENT PROGRAM

NATURAL GAS

6) Property Taxes and Other Operating Expenses

Property Taxes will be the product of Plant in Service multiplied by the Company's average property tax rate. All Other Incremental Operating Expenses will be included as identified. Incremental O&M will at a minimum include a proportional cost for monthly meter reading, billing and mailing.

7) Discount Rate

The Discount Rate will be an after tax weighted rate of return. The cost will be equal to and weighted in proportion to those authorized in the Company's most recent rate order. Based on WPSC's rate order in Case No. U-7502, dated June 7, 1983, the Discount Rate is equal to 7.96%.

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COMPANY RULES AND REGULATIONS

C4. SERVICE DATA

NATURAL GAS

1. TYPE AND PRESSURE OF GAS NORMALLY SUPPLIED

Natural gas at nominally 975 to 1075 Btu (dry); 0.680 to 0.595 specific gravity; and at a pressure of 7 inches water column.

High pressure service will be provided for a customer upon request wherever high pressure gas is available at the customer's premises, or may be made available in accordance with the filed extension rules, and when such high pressure is required for proper operation of the customer's present or proposed utilization equipment.

For the purposes of correcting high pressure gas measurements, the following values will be used:

Temperature Base:	60 Degrees F.
Assumed Atmospheric Pressure	14.35 Lbs./Sq. In.
Pressure Base:	14.60 Lbs./Sq. In.

2. SUPERCOMPRESSIBILITY

When gas is metered at a pressure of 30 psi or greater, an adjustment factor to correct such measurement for supercompressibility shall be applied to the use during each billing period in accordance with AGA Gas Measurement Committee Report 3, "Orifice Metering of Natural Gas", dated April, 1955. For the purpose of this correction, an average gas flowing temperature of 50 Degrees F. shall be used.

(Continued on Sheet No. C-24.00)

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COMPANY RULES AND REGULATIONS
 (Continued from Sheet No. C-23.00)

C4. SERVICE DATA

NATURAL GAS

3. UTILIZATION AND CONSERVATION OF NATURAL GAS

To conserve the company's natural gas supplies for the highest priority of firm use, the company may limit or deny the sale of gas to new customers and to existing customers requesting additional gas, whenever the company concludes said supply is not adequate to provide service to all customers in any one of the following priority groups:

Priority	Maximum Total Hourly Connected Load	Maximum Total Contract Year Use (therms)	Current Status
Residential	250 Cf	5,000	Open
Com'l & Indus Any Purpose	1,000 Cf	25,000	Open
Com'l & Indus Any Purpose	2,500 Cf	50,000	Open
Industrial Non-Boiler	2,500 Cf	150,000	Open
Commercial Any Purpose	60,000 Cf	1,500,000	Open
Industrial Non-Boiler	60,000 Cf	1,500,000	Open
Industrial Non-Boiler		Over 1,500,000	Open
Any Load In Excess of the Above Limits			Open

Customers receiving service in a closed priority shall receive an allocation based on previous use not exceeding the limits of that priority.

The company shall inform the Michigan Public Service Commission when changes are made in the availability of gas to various priority groups.

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SECTION D
RATE SCHEDULES

D1. GAS COST RECOVERY CLAUSE

NATURAL GAS

APPLICABILITY OF CLAUSE

All rates for gas service, unless otherwise provided in the applicable rate schedule, shall include a Gas Cost Recovery Factor or to allow the company to recover the booked costs of gas sold to Michigan customers by the company if incurred under reasonable and prudent policies and practices.

1. BOOKED COST OF GAS SOLD

a. Booked cost of gas sold as used in this rule includes the following as expensed on the books of the company:

- 1) Interstate Purchases: Cost for gas service.
- 2) Intrastate Purchases: Costs for gas service incurred pursuant to all contracts on file with the Michigan Public Service Commission.
- 3) Company Produced Natural Gas: Costs which vary with volume produced.
- 4) Company Produced Substitute Natural Gas: Costs for feedstock used to produce substitute natural gas.
- 5) Liquefied Petroleum Air Gas: Costs for propane used to produce a propane-air gas mixture.
- 6) Storage Gas: Net costs of gas injected and withdrawn from underground storage facilities.
- 7) Purchases From Other Michigan Utilities: Costs for gas service pursuant to contracts approved by the appropriate regulatory body.
- 8) Supplier Refunds and Credits: Refunds and credits from suppliers in the period realized.

b. Booked cost of gas sold as used in this rule excludes the following as expensed on the books of the company:

- 1) Gas used by the company, at the annual average booked cost of gas sold.
- 2) Lost and unaccounted for gas, at the annual average booked cost of gas sold.
- 3) Gas sold at a price which does not include a gas cost recovery factor, at the incremental cost from the company's suppliers
- 4) Contract, tariff and other penalties, unless the customers of the company benefit as a result of payment of such penalties.

(Continued on Sheet No. D-2.00)

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SECTION D
RATE SCHEDULES
(Continued from Sheet No. D-1.00)

D1. GAS COST RECOVERY CLAUSE

NATURAL GAS

2. BILLING

- a. In applying the Gas Cost Recovery Factor, per Mcf or dekatherm, any fraction of 0.01 cent shall be rounded to the nearest 0.01 cent.
- b. Each month the company shall include in its rates a Gas Cost - Recovery Factor up to the maximum authorized by the commission as shown on Sheet No. D-5.00. For months in which the Michigan Public Service Commission has not approved a specific Gas Cost Recovery Factor, the company may include an appropriate Gas Cost Recovery Factor in its rates if authorized by law to do so.
- c. The Gas Cost Recovery Factor shall be the same per Mcf or dekatherm for each billed customer. The factor shall be placed into effect in the first billing cycle of each monthly billing period and shall continue in effect throughout all cycles in each monthly billing period.
- d. The Gas Cost Recovery Factor shall appear on all customer bills.

3. GENERAL CONDITIONS

- a. At least fifteen days prior to each billing month, the company will notify the Public Service Commission staff as to the actual factor or factors to be billed to its customers in the subsequent month.
- b. This Gas Cost Recovery Clause is authorized by the provisions of 1982 P.A. 304. A copy of that act is available for public inspection at each business office of the company. The company will provide a copy of the act to any customer upon request.

REFUND PROCEDURES

1. RECEIPT OF REFUNDS

- a. **IDENTIFICATION OF SUPPLIER REFUNDS**
Contained within the Company's annual GCR reconciliation shall be a standard exhibit which identifies all pipeline or other supplier refunds received (in the form of check, wire transfer or bill credit) during the year covered in the GCR reconciliation. The exhibit shall include:
 1. The amount of each refund, including interest.
 2. Date received.
 3. Explanation of the reason for each refund.
 4. Period covered by each refund (historical refund period).

(Continued on Sheet No. D-3.00)

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SECTION D
RATE SCHEDULES
(Continued from Sheet No. D-2.00)

D1. GAS COST RECOVERY CLAUSE

NATURAL GAS

Additionally, if any portion of the refund is properly allocable to non-GCR customers, this allocation and amount, along with calculations of deductions therefrom for Company Use and Lost and Unaccounted For volumes, shall also be included in the exhibit.

Failure of the Company to identify a refund within its GCR reconciliation shall result in an interest penalty of 50% over the normal authorized rate of return on common equity for the period of time the Company fails to comply with the identification requirement.

2. GCR CUSTOMER REFUNDS

a. **SUPPLIER REFUNDS**

All supplier refunds allocable to GCR customers shall be reflected as reductions to the GCR Cost of Gas Sold in the month received and included in the Cost of Purchased and Produced Gas. No deductions for Company Use and Lost and Unaccounted For Gas volumes shall be made from refunds allocated to GCR customers.

b. **GCR RECONCILIATION**

Prior year GCR over\under-recoveries due to reconciliation provisions of the Company's GCR Clause, shall be computed annually according to the provisions of 1982 PA 304. Such over\under-recoveries and any Commission ordered adjustments or disallowances associated with the prior GCR year shall be reflected separately below the GCR Cost of Gas Sold line on the GCR Over\under-recovery Reconciliation report.

c. **OTHER REFUNDS**

All other refunds shall be reflected in the month the refund is received and shall be included on a separate line below the Cost of Gas Sold line on the Over\Underrecovery Reconciliation Report so that such refunds are readily identifiable.

(Continued on Sheet No. D-4.00)

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SECTION D
RATE SCHEDULES
(Continued from Sheet No. D-3.00)

D1. GAS COST RECOVERY CLAUSE

NATURAL GAS

3. NON-GCR CUSTOMER REFUNDS

- a. All supplier refunds allocable to non-GCR customers shall be allocated on the basis of actual consumption during the historical refund period. The allocation to Michigan non-GCR customers shall be based on the ratio of Michigan non-GCR customer sales to total WPSC sales. Deductions for Company Use and Lost and Unaccounted For volumes shall be made from the non-GCR portion of the refund based upon the actual percentages for Company Use and Lost and Unaccounted For during the historical refund period.
- b. Portions of the refunds allocable to non-GCR customers shall be credited to a refund liability account to accrue interest until distributed. The Company shall include an application to refund these monies in its next GCR Reconciliation filing.
- c. The Company is not required to issue checks to customers who are in arrears with the Company, to customers for whom checks were returned as undeliverable in previous refunds or for refund amounts of less than \$5.00. Refunds may be applied against past due amounts owed to the Company and any excess refunded according to these procedures. After 90 days, any returned or uncashed refund checks shall be transferred to the non-GCR refund liability account for refund to non-GCR customers in the next GCR Reconciliation. Rights to any portion of a refund shall not vest until a refund check has been negotiated.
- d. Refund completion reports for non-GCR customers shall be submitted to the Michigan Public Service Commission Staff six months following initial distribution of a non-GCR customer refund. Reports, at a minimum, should include the amount authorized for refund compared to the amount actually refunded and the date of the refund distribution.

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**SECTION D
RATE SCHEDULES**

D2. GAS COST RECOVERY FACTORS

NATURAL GAS

Billing Months	Base GCR Factor \$/Therm	Actual Factor Billed \$/Therm
November, 2016	\$0.38929 per Therm	
December, 2016	\$0.38929 per Therm	
January, 2017	\$0.38929 per Therm	\$0.40359 per Therm
February, 2017	\$0.38929 per Therm	
March, 2017	\$0.38929 per Therm	
April, 2017	\$0.38929 per Therm	
May, 2017	\$0.38929 per Therm	
June, 2017	\$0.38929 per Therm	
July, 2017	\$0.38929 per Therm	
August, 2017	\$0.38929 per Therm	
September, 2017	\$0.38929 per Therm	
October, 2017	\$0.38929 per Therm	

The company will file a revised Sheet No. D-5.00 monthly or as necessary to reflect the factor to be billed the following month.

The Base GCR Factor is subject to adjustment pursuant to the Contingent GCR Factors on Sheet Nos. D-6.00 and D-7.00.

The adjusted GCR Factors per the Contingent GCR Factors are the maximum GCR Factors the Company may charge. The actual GCR Factor charged in any month may be less than the adjusted GCR Factor.

The Company will file by July 31, 2017 for maximum Gas Cost Recovery factors for November 2017 – October 2018. The Gas Cost Recovery Factor to be charged beginning November 2016 is authorized pursuant to §6(h)(9) of 1982 PA 304, as amended, MCL 460.6h et seq.

* Prior to MPSC approvals granted in Case No. U-18061, Wisconsin Public Service Corporation billed a GCR factor of \$0.38929 per Therm.

(Continued on Sheet No. D-6.00)

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SECTION D
RATE SCHEDULES
(Continued on Sheet No. D-5.00)

D2. GAS COST RECOVERY FACTORS

NATURAL GAS

CONTINGENT GAS COST RECOVERY (“GCR”) FACTORS

Pursuant to the Commission’s order approving the settlement in Case No. U-18112, the 2016-17 GCR factors listed on Sheet No. D-5.00 will be increased or decreased on a monthly basis, contingent upon NYMEX futures prices for natural gas increasing to a level above that which was incorporated in the calculation of the Commission approved GCR factor ceiling prices. Commission mandated downward adjustments can reduce the monthly maximum GCR factor back down to base GCR factor, but will never cause the factor to go below original base factor that was requested in the plan filing, or that was approved by the Commission.

At least fifteen days before the beginning of each month, the Company shall file with the Michigan Public Service Commission an updated tariff Sheet, if NYMEX futures prices increase to a level allowing for the implementation of a higher contingent GCR price ceiling. The informational filing shall include the monthly five-day average and the dates used to calculate the new ceiling price. The filing shall be incorporated in the GCR Plan docket U-18112 with notice of filing provided to all interveners.

DEFINITIONS:

The Contingent Gas Cost Recovery Factors shown in the table on Sheet No. D-7.00 are authorized for the November 2016 through October 2017 GCR Plan period and include any changes due to flowing gas as well as known changes from the GCR plan for hedged gas and storage gas. For purposes of determining the authorized Contingent Gas Cost Recovery Factors, the following relationships apply:

$\text{NYMEX Increase} = (X - X_{\text{plan}})$ (This equation is applicable to all sources of gas supply with some modifications for storage gas and fixed price gas.)

X = the simple average of the actual NYMEX monthly natural gas futures contract prices, (\$/Mmbtus), for the 12 month period during which this plan case will be in effect. Once a month is no longer being traded, it does not need to be included, just the remaining months of the 12 month period still trading (averaged over first five trading days of the month prior to implementation).

X_{plan} = the 12 month NYMEX average, incorporated in the calculation of the base GCR factor.

(Continued on Sheet No. D-7.00)

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SECTION D
RATE SCHEDULES
 (Continued from Sheet No. D-6.00)

D2. GAS COST RECOVERY FACTORS

NATURAL GAS

		Nov-Oct			Nov-Oct
Fractional Mult. F_m		0.0714	Fractional Mult. F_m		0.0714
Plan NYMEX (X_{plan})		\$3.1659/Dth	Plan NYMEX (X_{plan})		\$3.1659/Dth
Base GCR Factor		\$0.38929	Base GCR Factor		\$0.38929
NYMEX Increase		Incremental Contingent GCR Factor \$/therm	NYMEX Increase		Incremental Contingent GCR Factor \$/therm
Greater than Or Equal to	But Less than		Greater than Or Equal to	But Less than	
\$0.00	\$0.05	\$0.0000	\$1.55	\$1.60	\$0.1107
\$0.05	\$0.10	\$0.0036	\$1.60	\$1.65	\$0.1142
\$0.10	\$0.15	\$0.0071	\$1.65	\$1.70	\$0.1178
\$0.15	\$0.20	\$0.0107	\$1.70	\$1.75	\$0.1214
\$0.20	\$0.25	\$0.0143	\$1.75	\$1.80	\$0.1250
\$0.25	\$0.30	\$0.0179	\$1.80	\$1.85	\$0.1285
\$0.30	\$0.35	\$0.0214	\$1.85	\$1.90	\$0.1321
\$0.35	\$0.40	\$0.0250	\$1.90	\$1.95	\$0.1357
\$0.40	\$0.45	\$0.0286	\$1.95	\$2.00	\$0.1392
\$0.45	\$0.50	\$0.0321	\$2.00	\$2.05	\$0.1428
\$0.50	\$0.55	\$0.0357	\$2.05	\$2.10	\$0.1464
\$0.55	\$0.60	\$0.0393	\$2.10	\$2.15	\$0.1499
\$0.60	\$0.65	\$0.0428	\$2.15	\$2.20	\$0.1535
\$0.65	\$0.70	\$0.0464	\$2.20	\$2.25	\$0.1571
\$0.70	\$0.75	\$0.0500	\$2.25	\$2.30	\$0.1607
\$0.75	\$0.80	\$0.0536	\$2.30	\$2.35	\$0.1642
\$0.80	\$0.85	\$0.0571	\$2.35	\$2.40	\$0.1678
\$0.85	\$0.90	\$0.0607	\$2.40	\$2.45	\$0.1714
\$0.90	\$0.95	\$0.0643	\$2.45	\$2.50	\$0.1749
\$0.95	\$1.00	\$0.0678	\$2.50	\$2.55	\$0.1785
\$1.00	\$1.05	\$0.0714	\$2.55	\$2.60	\$0.1821
\$1.05	\$1.10	\$0.0750	\$2.60	\$2.65	\$0.1856
\$1.10	\$1.15	\$0.0785	\$2.65	\$2.70	\$0.1892
\$1.15	\$1.20	\$0.0821	\$2.70	\$2.75	\$0.1928
\$1.20	\$1.25	\$0.0857	\$2.75	\$2.80	\$0.1964
\$1.25	\$1.30	\$0.0893	\$2.80	\$2.85	\$0.1999
\$1.30	\$1.35	\$0.0928	\$2.85	\$2.90	\$0.2035
\$1.35	\$1.40	\$0.0964	\$2.90	\$2.95	\$0.2071
\$1.40	\$1.45	\$0.1000	\$2.95	\$3.00	\$0.2106
\$1.45	\$1.50	\$0.1035	\$3.00	above	\$0.2142
\$1.50	\$1.55	\$0.1071			

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 Vice-President,
 Milwaukee, Wisconsin



Effective for bills rendered for the
 November 2016 – October 2017
 billing months. Issued Under Auth. of
 1982 PA 304, Section 6h (9) and
 Mich Public Service Comm
 in Case No. U-18112

**SECTION D
RATE SCHEDULES**

D2. GAS COST RECOVERY FACTORS

NATURAL GAS

Reserved for Future Use

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Milwaukee, Wisconsin



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**SECTION D
RATE SCHEDULES**

D3. SUPPLEMENTAL CHARGES

NATURAL GAS

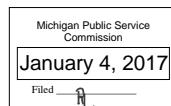
1. Each Rate Schedule may be subject to Rule C3, Customer Attachment Program.
2. Energy Optimization (EO) Surcharge – This surcharge is pursuant to Section 91(4) of 2008 PA 295, the adjustment of distribution service rates, via the application of an Energy Optimization Surcharge, to allow recovery of the energy optimization alternative compliance payment made by the Company in compliance with Section 91(1) of 2008 PA 295. The EO compliance payments and the associated surcharges are subject to a reconciliation mechanism.

The approved Energy Optimization Surcharges are listed below:

<u>Customer Class</u>	<u>EO Surcharge</u>	
Residential	\$0.0143/Therm	
	<u>Per Day/meter</u>	<u>Per Month/meter</u>
C & I Small-year round customers	\$0.0787	\$2.39
C & I Small-seasonal customers	\$0.1574	\$4.78
C & I Large	\$1.0085	\$30.68
Transportation Medium*	--	---
Transportation Large	\$0.3449	\$10.49
Transportation Super Large	\$7.5830	\$230.65

* No customers currently on this rate

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**SECTION D
RATE SCHEDULES**

D4. RESIDENTIAL SERVICE

NATURAL GAS

EFFECTIVE IN All territory served.

AVAILABILITY

This schedule is available for service to residential customers.

RATES

Customer Charge

<u>Daily</u>	<u>Monthly</u>	
\$0.1643	\$ 5.00	Year-Round Customers
\$0.3287	\$10.00	Seasonal Customers

Distribution Charge

All therms per month at \$.08564/Therm

Cost of Gas Charge

All therms per month as set forth on Sheet D5.00 (Gas Cost Recovery Factors).

Supplemental Charges

This rate is subject to the Supplemental Charges set forth on Sheet No. D-9.00.

GAS COST RECOVERY CLAUSE

Therms billed under this rate are subject to Gas Cost Recovery Clause. See Sheet D-1.00.

MINIMUM CHARGE

The monthly minimum charge is the Daily Customer Charge multiplied by the number of days in the billing period.

SEASONAL BILLING

1. Service shall be billed for six months (billing periods May to October inclusive).
2. Service may remain connected during the off-season, and incidental use during such period will be included with the first billing of the following season; but if substantial use is recorded in any off-season month, such use may be billed on a monthly basis with no customer or minimum charges.

(Continued on Sheet No. D-11.00)

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SECTION D
RATE SCHEDULES
(Continued from Sheet No. D-10.00)

D4. RESIDENTIAL SERVICE

NATURAL GAS

SPECIAL RULES

1. The company will deliver firm natural gas of the quality received from its supplier or such supplemental gas as may be produced by the company to augment or supplement said purchased supply.
2. The number of therms billed under this rate in any billing period shall be based on the volume of gas used by the customer during that period and the average heat content, as determined by the company, of gas received from the company's supplier during the thirty days preceding the last meter reading date.
3. Gas supplied under this rate shall not be used as standby for interruptible gas service, nor shall it be used in lieu of such interruptible service.

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**SECTION D
RATE SCHEDULES**

D5. COM'L & INDUS FIRM SERV – 10,000 THERMS/YR OR LESS

NATURAL GAS

EFFECTIVE IN All territory served.

AVAILABILITY

This schedule is available to existing and new customers with requirements of 10,000 therms per year or less and which are not subject to the incremental pricing provision of the Natural Gas Policy Act of 1978. If annual consumption in any December exceeds 10,000 therms, customers hereunder shall be automatically transferred to Schedule CgLM for prospective billing beginning with bills rendered in the following January.

RATES

Customer Charge

<u>Daily</u>	<u>Monthly</u>	
\$0.2465	\$ 7.50	Year-Round Customers
\$0.4931	\$15.00	Seasonal Customers

Distribution Charge

All therms per month at \$.08514/therm

Cost of Gas Charge

All therms per month as set forth on Sheet D-5.00 (Gas Cost Recovery Factors).

Supplemental Charges

This rate is subject to the Supplemental Charges set forth on Sheet No. D-9.00.

GAS COST RECOVERY CLAUSE

Therms billed under this rate are subject to Gas Cost Recovery Clause. See Sheet D-1.00.

MINIMUM CHARGE

The monthly minimum charge is the Daily Customer Charge multiplied by the number of days in the billing period.

SEASONAL BILLING

1. Service shall be billed for six months (billing periods May to October inclusive).
2. Service may remain connected during the off-season, and incidental use during such period will be included with the first billing of the following season; but if substantial use is reported in any off-season month, such use may be billed on a monthly basis with no customer or minimum charges.

SPECIAL RULES

See D7. Commercial and Industrial Firm Service-Special Rules, Sheet No. D-14.00.

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SECTION D
RATE SCHEDULES

D5. COM'L & INDUS FIRM SERV – MORE THAN 10,000 THERMS/YR

NATURAL GAS

EFFECTIVE IN All territory served.

AVAILABILITY

This schedule is available to existing and new customers with requirements of more than 10,000 therms per year and which are not subject to the incremental pricing provision of the Natural Gas Policy Act of 1978. If annual consumption in any December is 10,000 therms or less, customers hereunder shall be automatically transferred to Schedule CgSM for prospective billing beginning with bills rendered in the following January.

RATES

Customer Charge

<u>Daily</u>	<u>Monthly</u>
\$2.3671	\$72.00

Distribution Charge

All therms per month at \$.06214/therm

Cost of Gas Charge

All therms per month as set forth on Sheet D-5.00 (Gas Cost Recovery Factors).

Supplemental Charges

This rate is subject to the Supplemental Charges set forth on Sheet No. D-9.00.

GAS COST RECOVERY CLAUSE

Therms billed under this rate are subject to Gas Cost Recovery Clause. See Sheet D-1.00.

MINIMUM CHARGE

The monthly minimum charge is the Daily Customer Charge multiplied by the number of days in the billing period.

SPECIAL RULES

See D7. Commercial and Industrial Firm Service-Special Rules, Sheet No. D-14.00.

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**SECTION D
RATE SCHEDULES**

D7. COM'L & INDUS FIRM SERVICE – SPECIAL RULES

NATURAL GAS

SPECIAL RULES

1. The company will deliver firm natural gas of the quality received from its supplier or such supplemental gas as may be produced by the company to augment or supplement said purchased supply.
2. The number of therms billed under this rate in any billing period shall be based on the volume of gas used by the customer during that period and the average heat content, as determined by the company, of gas received from the company's supplier during the thirty days preceding the last meter reading date.
3. Gas supplied under this rate shall not be used as standby for interruptible gas service, nor shall it be used in lieu of such interruptible service.
4. The use of unauthorized gas in excess of the limitations contained in the Availability Clause shall be subject to an additional charge of \$1.00 per therm.
5. Service to a customer who exceeds the limitations of the Availability Clause may be discontinued, and further supply of gas may be withheld until the company is duly assured that such unauthorized use will not be resumed.

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SECTION E

E1. GAS TRANSPORTATION SERVICE

NATURAL GAS

EFFECTIVE IN All territory served.

AVAILABILITY

1. This service is available to any customer delivering gas to the Company's system for the purpose of the Company redelivering the gas to customer(s) meters. Customers must take service under this rate schedule for entire calendar months.

NOTIFICATION REQUIREMENTS

1. Existing customers wishing to switch existing load to or from this rate schedule are required to provide a written notice to the Company by March 1 of each year. The Company will approve requested changes to switch load to or from this rate schedule that comply with the above notice requirement provided the customer's requested switch date is on or after the subsequent November 1.
2. The notice requirement from paragraph 1 above may be waived by the Company, in the Company's sole discretion, if the Company has adequate gas supply and capacity to serve the customer, and the Company anticipates no significant detriment to existing system sales customers.

MONTHLY RATE

1. Customer Charge Per Meter

<u>Customer Class</u>	<u>Annual Usage(therms)</u>	<u>Charge per Day</u>	<u>Charge per Month</u>
Cg-TM	Up to 10,000	\$4.8493	\$147.50
Cg-TL	10,001 to 1,800,000	\$6.9698	\$212.00
Cg-TSL	1,800,001 or more	\$6.9698	\$212.00

2. Rate Per Therm - See Sheet No. E-20.00 for currently effective rates.
3. Supplemental Charges
This rate is subject to the Supplemental Charges set forth on Sheet No. D-9.00.

(Continued on Sheet No. E-2.00)

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(Continued from Sheet No. E-1.00)

E1. GAS TRANSPORTATION SERVICE

NATURAL GAS

POOLING OF METERS

1. Single Entity Pools
Single customers with more than one meter on the Company's distribution system in Michigan may form a Single Entity Pool and request the Company to net the customer's usage, and net the customer's Adjusted Scheduled Delivered Quantity, including any nominated Annual Supply Backup, at each of these meters for purposes of Daily Balancing and Daily Cash Out. The customer must designate one of the meters as the one to be billed or credited. Single Entity Pools must be established for an entire calendar month.

2. Third Party Pools
Multiple customers on the Company's distribution system in Michigan may form a Third Party Pool and request the Company to net each Third Party Pool member's usage, and net each Third Party Pool member's Adjusted Scheduled Delivered Quantity, including any nominated Annual Supply Backup, at each of these meters for purposes of Daily Balancing and Daily Cash Out. A Pool Administrator must be designated. Third Party Pools must be established for an entire calendar month, and the Company can require the customer to provide written authorization prior to placing them into a Third Party Pool. The Company must be notified by the Pool Administrator, in writing, at least three (3) business days prior to the beginning of each calendar month as to which meters will be participating in the Third Party Pool. The Pool Administrator will be responsible for determining how any charges or credits will be divided among Third Party Pool members. On the second working day of each month, the Pool Administrator will be given individual Third Party Pool member usage information by the Company for the previous month. The Company will then bill the Pool Administrator. If the Pool Administrator defaults on the payment of any charges, the Company reserves the right to allocate charges to each Third Party Pool member and/or the Pool Administrator using its sole discretion.

(Continued on Sheet No. E-3.00)

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(Continued from Sheet No. E-2.00)

E1. GAS TRANSPORTATION SERVICE

NATURAL GAS

DAILY NOMINATIONS - START OF DAY

1. Prior to the beginning of each Gas Day, each customer, their gas supplier or Pool Administrator must provide to the Company a nomination table indicating the Scheduled Delivered Quantity, including any nominated Annual Supply Backup, for that customer or pool. The nomination table for Third Party Pools must be for the Third Party Pool as a whole, and will be provided to the Company by the Pool Administrator. All nomination tables must contain, at a minimum, the following data:
 - a. Customer or Pool Name,
 - b. ANR Gate Station Name with Delivery Location Identification Number,
 - c. Scheduled Delivered Quantity per day, by Transportation Contract Number, in dekatherms (ANR Base), and
 - d. A running Scheduled Delivered Quantity grand total by Transportation Contract Number for that month, in dekatherms (ANR Base).

2. The Company reserves the right not to accept nomination tables that are incomplete, incorrect, or received after the beginning of the Gas Day.

(Continued to Sheet No. E-4.00)

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(Continued from Sheet No. E-3.00)

E1. GAS TRANSPORTATION SERVICE

NATURAL GAS

3. The following example identifies the required format for nomination tables:

	Customer or Pool Name	Customer or Pool Name	Customer or Pool Name
	ANR Gate Station Name & Delivery Location ID#	ANR Gate Station Name & Delivery Location ID#	ANR Gate Station Name & Delivery Location ID#
Month	Transport Contract #1	Transport Contract #2	Transport Contract #3
Day 1	Volume Day 1	Volume Day 1	Volume Day 1
Day 2	Volume Day 2	Volume Day 2	Volume Day 2
Day 3, etc.	Volume Day 3, etc.	Volume Day 3, etc.	Volume Day 3, etc.
Total	Contract Month Total	Contract Month Total	Contract Month Total

DAILY NOMINATIONS - INTRA-DAY

1. Customers, their gas supplier or Pool Administrator may request that daily nomination tables be changed on an Intra-Day basis provided written facsimile notification is received by the Company at 920-430-6806. This request must be received by the Company at least 60 minutes prior to the Intra-Day nomination deadline of the interstate pipeline(s) serving the Company's system. At a minimum, the Intra-Day nomination table change request must include all of the following information:

- a. Customer or Pool Name,
- b. ANR Gate Station Name with Delivery Location Identification Number,
- c. Transportation Contract Number,
- d. Effective Gas Day,
- e. Current Scheduled Delivery Quantity as recognized by the interstate pipelines(s) serving the Company's system, in dekatherms (ANR Base),
- f. Requested Intra-Day Nominated Delivery Quantity, in dekatherms (ANR Base).

(Continued on Sheet No. E-5.00)

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(Continued from Sheet No. E-4.00)

E1. GAS TRANSPORTATION SERVICE

NATURAL GAS

2. Intra-Day nomination table change requests will be approved by the Company on a "best-efforts" basis only. The Company reserves the right to refuse to accept Intra-Day nomination table change requests that are incomplete, incorrect, or received less than 60 minutes prior to the Intra-Day nomination deadline of the interstate pipeline(s) serving the Company's system.
3. A customer or Pool Administrator submitting a nomination table change request or changing their Scheduled Delivered Quantity on an Intra-Day basis is required to provide the Company with an updated nomination table by 9 a.m. the following day. The updated nomination table will reflect only those changes that were actually approved by the interstate pipeline(s) serving the Company's system.
4. During periods when the Company has not declared a High Flow Constraint Day, a customer or Pool Administrator that delivers less gas to the Company's system than their Start-of-Day Adjusted Scheduled Delivered Quantity, as recognized by the interstate pipeline(s) serving the Company's system, including any nominated Annual Supply Backup, will be subject to a penalty if the Company is charged a penalty by any interstate pipeline(s) serving the Company's system. The penalty charged will be equal to the highest penalty rate actually charged to the Company by any interstate pipeline(s) serving the Company's system, multiplied by the difference between the customer's or pool's Start-of-Day Adjusted Scheduled Delivered Quantity to the Company's system, as recognized by the interstate pipeline(s) serving the Company's system, including any nominated Annual Supply Backup, and the customer's or pool's ultimate Adjusted Scheduled Delivered Quantity for that Gas Day to the Company's system, as recognized by the interstate pipeline(s) serving the Company's system, including any nominated Annual Supply Backup. This penalty will be in addition to any other authorized penalties or charges, including but not limited to Monthly Balancing charges.

(Continued on Sheet No. E-6.00)

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(Continued from Sheet No. E-5.00)

E1. GAS TRANSPORTATION SERVICE

NATURAL GAS

PRESSURE BASE CORRECTION

1. The Company will credit a customer with delivering to the Company's system an amount of gas, in therms, equal to their Adjusted Scheduled Delivered Quantity. The Adjusted Scheduled Delivered Quantity is equal to:

(Scheduled Delivered Quantity, in dekatherms, as recognized by the interstate pipeline(s) serving the Company's system) x 10 x (ANR-WPSC Pressure Base Correction, as shown on Sheet No. E-20.00). This calculation shall be rounded to the nearest one-tenth of a therm.

PEAK DAY BACKUP/ANNUAL SUPPLY BACKUP

1. Peak Day Backup/Annual Supply Backup is an optional service available, subject to available interstate pipeline capacity, on a first-come, first-served basis, to customers taking service under this rate schedule on either an Annual (November-October) or Seasonal (November-March) basis. Customers must request Peak Day Backup capacity, in writing, by October 31 of each year to be effective on November 1 of the same year. This service can be purchased from the Company at the following rates:
- a. Demand Charge: Rate per therm of Peak Day Backup capacity per month as listed on Sheet No. E-20.00. The annual rate shall be equal to the Company's annual D1 costs, divided by the Company's interstate pipeline winter peak day maximum daily quantity, and divided by 12. The seasonal rate shall be equal to the Company's November - March D1 costs, divided by the Company's interstate pipeline winter peak day maximum daily quantity, and divided by 5.
 - b. Commodity Charge: City Gate rate per therm as listed on Sheet No. E-20.00 on all nominated Annual Supply Backup. This rate will be equal to the maximum authorized gas cost recovery factor, less the D1 rate.

(Continued on Sheet No. E-7.00)

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(Continued from Sheet No. E-6.00)

E1. GAS TRANSPORTATION SERVICE

NATURAL GAS

2. On a daily basis, customers may purchase gas commodity from the Company under the Annual Supply Backup Service up to the limit of their Peak Day Backup capacity. Customers must nominate the desired amount of gas commodity prior to the start of a Gas Day. This nominated Annual Supply Backup gas commodity will be considered the first gas through the customer's meter.
3. During the winter period (November through March), customers are limited to purchasing a maximum of a 100 day supply of gas commodity under the Annual Supply Backup service. The 100 day supply limit is defined to be equal to the customer's Peak Day Backup capacity times 100 days. This 100 day supply limit does not apply during the summer period (April through October).
4. All revenues from the Peak Day Backup/Annual Supply Backup Service will be reflected in each annual Gas Cost Recovery Reconciliation.

DAILY CASH OUT

1. When usage is more than the Adjusted Scheduled Daily Quantities, on a daily basis, the customer or Pool Administrator shall purchase from the Company the difference between the customer's or pool's actual usage, and the sum of the customer's or pool's Adjusted Scheduled Daily Quantities, including any nominated Annual Supply Backup at each gate station.

When usage is less than the Adjusted Scheduled Daily Quantities, on a daily basis, the Company shall purchase from the customer or pool the difference between the customer's or pool's actual usage, and the sum of the customer's or pool's Adjusted Scheduled Daily Quantities, including any nominated Annual Supply Backup at each gate station.

The rate for this purchase, by the customer or pool administrator or by the Company, shall equal the Daily Indexed Price of gas commodity as defined on Sheet No. E-8.00, 2. Indexed Price, for the day of purchase.

The customer or pool administrator shall be allowed to net their daily cashout between all gate stations on the Company's distribution system on a daily basis. Daily cash out amounts will be netted together for purposes of monthly billing.

(Continued on Sheet No. E-8.00)

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(Continued from Sheet No. E-7.00)

E1. GAS TRANSPORTATION SERVICE

NATURAL GAS

2. Indexed Price
- a. This index price will be applicable to the daily cash out of imbalances on all pipelines serving the Company's service territory.
 - b. The Daily Indexed Price will be the Citygates, Chicago city-gates price as listed in the Gas Daily, plus the appropriate pipeline transportation costs and surcharges and equivalent fuel costs from the Joliet hub to the pipeline's delivery segment.

DAILY BALANCING SERVICE

1. The Daily Balancing Service is available to any customer or pool taking service under this rate schedule that desires to balance daily gas usage on the Company's system.
2. All customers taking service under this rate schedule, but not subscribing to another alternate balancing service, such as ANR Pipeline Company's Market Balancing Service (MBS), must subscribe to the Company's Daily Balancing Service.
3. All customers using the Daily Balancing Service that are not members of a Third Party Pool will be placed in the Company Sponsored Pool.
4. For each Third Party Pool, on a daily basis, the difference between the entire pool's Adjusted Scheduled Delivered Quantity, including any nominated Annual Supply Backup, and the entire pool's actual usage will be divided into two blocks as defined below. The number of terms in each block will be multiplied by the respective rate for that block in accordance with the following table:
 - a. The Percent Difference From Adjusted Scheduled Delivered Quantity is calculated by taking the absolute value of the difference between the pool's actual daily usage and the pool's Adjusted Scheduled Delivered Quantity, including any nominated Annual Supply Backup, and dividing by the pool's Adjusted Scheduled Delivered Quantity, including any nominated Annual Supply Backup.

(Continued on Sheet No. E-9.00)

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(Continued from Sheet No. E-8.00)

E1. GAS TRANSPORTATION SERVICE

NATURAL GAS

- | | | | |
|---|---|-----------------------|--|
| <ul style="list-style-type: none"> b. <u>Pool's Percent Difference Between Adjusted Scheduled Delivered Quantity And Actual Usage</u> >0.0% up to 8.0% >8.0% | <table border="0"> <tr> <td style="text-align: center;"><u>Rate Per Therm</u></td> </tr> <tr> <td>(See Sheet No. E-20.00
for current effective rates)</td> </tr> </table> | <u>Rate Per Therm</u> | (See Sheet No. E-20.00
for current effective rates) |
| <u>Rate Per Therm</u> | | | |
| (See Sheet No. E-20.00
for current effective rates) | | | |
 - c. The total Daily Balancing charges for a Third Party Pool will be billed directly to the Pool Administrator.
- 5. For the Company Sponsored Pool, on a daily basis, the difference between each customer's Adjusted Scheduled Delivered Quantity, including any nominated Annual Supply Backup, and each customer's actual usage will be divided into two blocks. The number of therms in each block will be multiplied by a Pooling Factor. The Pooling Factor is calculated by dividing the sum of the absolute values of the daily imbalances of the Company Sponsored Pool as a whole, by the sum of the absolute values of the individual daily imbalances for each member of the Company Sponsored Pool for each month. This value will then multiplied by the respective rate for each block in accordance with the following table:
 - a. The Percent Difference from Adjusted Scheduled Delivered Quantity is calculated by taking the absolute value of the difference between the actual daily usage for each customer, and the Adjusted Scheduled Delivered Quantity for each customer, including any nominated Annual Supply Backup, and dividing by the Adjusted Scheduled Delivered Quantity for each customer, including any nominated Annual Supply Backup.
 - | | | | |
|---|---|-----------------------|--|
| <ul style="list-style-type: none"> b. <u>Pool's Percent Difference Between Adjusted Scheduled Delivered Quantity And Actual Usage</u> >0.0% up to 8.0% >8.0% | <table border="0"> <tr> <td style="text-align: center;"><u>Rate Per Therm</u></td> </tr> <tr> <td>(See Sheet E-20.00 for
current effective rates)</td> </tr> </table> | <u>Rate Per Therm</u> | (See Sheet E-20.00 for
current effective rates) |
| <u>Rate Per Therm</u> | | | |
| (See Sheet E-20.00 for
current effective rates) | | | |

(Continued on Sheet No. E-10.00)

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(Continued from Sheet No. E-9.00)

E1. GAS TRANSPORTATION SERVICE

NATURAL GAS

DAILY BALANCING SERVICE (Continued)

6. In addition to Daily Balancing charges, all customers and pools taking service under the Company's Daily Balancing Service will be charged their prorated share of interstate pipeline penalties if any such penalties are charged to the Company. The proration of interstate pipeline penalties will not take place if the customer or pool is already paying the Surcharge For Unauthorized Use of Gas on High Flow Constraint Days, or the pipeline penalty rate on Low Flow Constraint Days.
7. Customers not taking service under the Company's Daily Balancing Service that subsequently default to the Company's Daily Balancing Service will pay for the Company's Daily Balancing Service at a rate equal to the ceiling rate listed on Sheet No. E-20.00.
8. All revenues from the Daily Balancing Service will be reflected in each of the Company's annual Gas Cost Recovery Reconciliation.
9. The first block floor rate (shown on Sheet No. E-20.00) shall be equal to the long run incremental cost of providing balancing service, including the incremental cost of aggregating imbalances between gate stations on the Company's system. The first block ceiling rate shall be equal to the Company's cost of pipeline No-Notice Service, including the fixed costs of the associated interstate pipeline transportation and storage.

The second block floor rate shall be equal the higher of the first block floor rate or the serving pipelines' highest Market Balancing Service (MBS) overrun rate. The second block ceiling rate shall be equal to the first block ceiling rate plus the serving pipelines' highest No-Notice Service (NNS) overrun rate.

(Continued on Sheet No. E-11.00)

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Michigan Public Service Commission
dated December 9, 2016
in Case No. U-18061

(Continued from Sheet No. E-10.00)

E1. GAS TRANSPORTATION SERVICE

NATURAL GAS

CONSTRAINT PERIODS

1. High Flow Constraint Periods
 - a. A high flow constraint period can be declared when: (a) the company determines that distribution capacity limitations will affect the ability to serve customers in an area for a period or (b) the company determines for economic and/or operational reasons that the expected demand may exceed the expected supply for a period, or (c) the company believes that to meet the expected supply shortfall it will incur overrun, scheduling, or penalty charges and/or use gas supplies that will hinder its ability to meet estimated demand obligations that are forecasted for the company's future obligations to serve the sales customers.
 - b. When the company determines that a high flow constraint condition exists, the company can declare a High Flow Constraint Period on all applicable parties and they must limit their usage of gas to the daily gas supplies to which they have rights. Customers or pools taking service under this rate schedule may not use more gas than their Adjusted Scheduled Delivered Quantity, plus any Peak Day Backup capacity.
 - c. The customer, marketer, and/or its agent shall limit its daily usage of gas to its total daily gas supply until notified by the company that the High Flow Constraint period has ended.
 - d. Any customer, marketer, and/or its agent using more than its daily supply of gas on any day or portion thereof during a High Flow Constraint Period shall be deemed to have unauthorized gas. The unauthorized gas shall be determined by using the company remote meter reading equipment or through daily and/or hourly meter readings obtained by the company. Overtake quantities shall be subject to the Surcharge for Unauthorized Use of Gas found on Sheet No. E-14.00 of this tariff.

CONSTRAINT PERIODS

2. Low Flow Constraint Periods
 - a. A low flow constraint period can be declared when: (a) the company determines for economic or operational reasons that the expected supply of gas delivered to an area may exceed expected demand for a period; or (b) the company has managed its supply in a reasonable manner compared with supply contract restrictions; or (c) the capacity to manage excess city gate supply is inadequate to manage the expected supply excess delivered by the company and/or customer's or the company's gas supply plan will not accommodate unplanned storage injections.

(Continued on Sheet No. E-12.00)

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T. T. Eidukas
Vice-President,
Milwaukee, Wisconsin



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(Continued from Sheet No. E-11.00)

E1. GAS TRANSPORTATION SERVICE

NATURAL GAS

- b. When the company determines that a low flow constraint condition exists, the company can declare a Low Flow Constraint Period on all applicable parties and they must use all delivered gas that they have rights to.
- c. The company shall require the customer, marketer, and/or its agent, in the operating system or operating area on which the constraint is called to use all gas delivered by the company's system each day or portions thereof until they are notified by the company that the Low Flow Constraint Period is ended.

CONSTRAINT PERIODS (Continued)

- c. Any customer, marketer, and/or its agent using less than the amount of gas delivered to the company's system during a Low Flow Constraint Period shall have unauthorized gas. The unauthorized gas shall be determined using company remote meter reading equipment or through daily and/or hourly meter reading obtained by the company. Daily undertake quantities shall be subject to the Surcharge for Unauthorized Use of Gas found on Sheet No. E-14.00 of this tariff.
3. Constraint Notification
- a. The company will provide constraint period notification information electronically via the company's currently established Web page. Any messages posted on the company's Web page regarding the company's intention to declare a constraint period will be posted by the company as far in advance as possible but no less than two hours before the start of such constraint period.
 - b. The company, in addition to electronic notification via its web site, shall also attempt to notify telephonically via text message, or fax, or E-Mail message, or pager, customers, marketers, or its agent that submitted the nomination to the company as far in advance as possible of a High Flow Constraint Period or a Low Flow Constraint Period. However, notice shall be provided no less than two hours before the start of such constraint period.
 - c. The customer, marketer, and/or its agent shall be responsible for keeping the company informed of accurate and current customer, marketer, and/or agent contact information, including but not limited to personnel names and their availability, phone numbers, pager numbers, fax numbers, and E-Mail addresses. If the company attempts to contact the customer, marketer, and/or its agent and determines, at the company's sole discretion, that customer contact information for the customer, its marketer and/or its agent is inaccurate such that the company is unable to notify the customer, marketer, and/or its agent, they shall continue to be subject to all constraint period rules and penalties.

(Continued on Sheet No. E-13.00)

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(Continued from Sheet No. E-12.00)

E1. GAS TRANSPORTATION SERVICE

NATURAL GAS

- d. Depending upon the operating conditions on the serving pipeline and/or the company's distribution system, the company may call a constraint across the entire distribution system, or limit the constraint to one or more operating areas, pipeline gate(s), Pools or customer. The geographical area and level of the constraint shall be clearly identified by the company at the time the company notifies those affected by the constraint period.
- e. Any customer, marketer, and/or its' agent or pool administrator named specifically, or in areas for which a constraint period is called will be subject to the Surcharge For Unauthorized Use of Gas on all unauthorized gas in addition to normal cashout and balancing charges. The company shall have the authority to waive any Surcharge For Unauthorized Use of Gas that are the direct result of remote meter reading equipment errors as determined by the company in its' sole discretion.
- f. In the event that a customer, marketer, and/or its agent or pool administrator does not comply with a constraint order, the company will have the authority at all times, but not be required to valve-off non-compliant customers during period of constraint (e.g., when there may be loss of life involved).

CONSTRAINT PERIODS (Continued)

- 4. Application of Constraints
 - a. All constraints may be called on a customer, a pool, geographic area, pipeline gate(s), operating area, or total distribution system wide basis.
 - b. When the customer, marketer and/or agent's pool is over a larger geographic area than the area covered under a constraint, then any surcharge quantity shall be determined at the constraint application area.
 - c. When the customer, marketer and/or agent's pool is over a smaller geographic area than the area covered under a constraint, then any surcharge quantity shall be based solely on the quantity(s) of those for whom the constraint was called.

(Continued on Sheet No. E-14.00)

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(Continued from Sheet No. E-13.00)

E1. GAS TRANSPORTATION SERVICE

NATURAL GAS

5. **Constraint Reporting Requirement**
A report will be filed on a public, non-confidential basis, and shall be received by the Commission within 30 days following the Curtailment or Constraint. Included in the report will be the date of the constraint, the kind of constraint (high or low flow), the identity(s) of the customer, marketer, and/or its agent or pool administrator, pipeline gate(s), operating area subject to the constraint, and the reason for calling the constraint. The report shall include an explanation of why a constraint was not imposed on any company marketing affiliate(s) if such is the case. Records documenting the company's actions with respect to calling constraints shall be retained for at least three years after the end of the constraint period.

SURCHARGE FOR UNAUTHORIZED USE OF GAS

1. The penalty rates described in paragraphs "a" and "b" below will be charged against customers regardless of whether the Company is actually charged penalties from the interstate pipeline(s) serving the Company's system. All such penalty revenues will be reflected in each of the Company's annual Gas Cost Recovery Reconciliation.
- a. Customers shall be required to pay a minimum penalty rate of \$2.00 per therm for all unauthorized use of gas.
 - b. When the Company is exposed to penalties greater than \$2.00 per therm from the interstate pipeline(s) serving the Company's system, the minimum penalty rate will increase to \$10.00 per therm, plus any incremental costs incurred by the Company to serve customers, for all unauthorized use of gas.

(Continued on Sheet No. E-15.00)

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(Continued from Sheet No. E-14.00)

E1. GAS TRANSPORTATION SERVICE

NATURAL GAS

TERMINATION OF GAS SERVICE BY GAS SUPPLIER

1. A gas supplier desiring to terminate service to a particular customer taking service under this rate schedule must adhere to the following requirements:
 - a. The gas supplier must send written notification via facsimile to the Company's Gas Rates Supervisor at 920-433-5734. This notice must state that the gas supplier will no longer be providing gas supplies for a particular customer, and the date such termination is desired to become effective.
 - b. The fax must be received by the Company during the Company's normal business hours, i.e., Monday-Friday between 8:00 a.m. - 4:30 p.m., excluding holidays. Notices received after 12:00 Noon or during non-business hours will be received as of 8:00 a.m. on the next regular business day.
 - c. The gas supplier must include with the notification a copy of the letter sent to the customer informing the customer that service is being terminated by the gas supplier.
 - d. The Company will effectuate the marketer's request for termination at the beginning of the Gas Day on the third normal business gas day after the request is deemed received. For example, a request received prior to 12:00 Noon on a Friday will be effectuated as of the beginning of the Gas Day on the next Wednesday provided Friday, Monday, Tuesday and Wednesday are all normal business days. A request received after 12:00 Noon on a Friday will be effectuated as of the beginning of the Gas Day on the next Thursday provided Friday, Monday, Tuesday, Wednesday and Thursday are all normal business days.
 - e. The Company will contact the customer to offer replacement gas service after it has received a termination notice from the customer's gas supplier. A deposit from the customer may be required.
 - f. The customer may be required to pay the incremental costs associated with acquiring additional firm interstate pipeline capacity, additional firm storage capacity, and additional firm gas supplies if these services are required to adequately serve the customer. The customer will be required to pay these incremental costs, if any, until November 1 of the following calendar year.
 - g. Customers leaving this rate schedule after being terminated by their gas supplier will be required to satisfy the notice requirement of this rate schedule prior to returning to service under this rate schedule.

(Continued on Sheet No. E-16.00)

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(Continued from Sheet No. E-15.00)

E1. GAS TRANSPORTATION SERVICE

NATURAL GAS

PIPELINE OPERATIONAL FLOW ORDER (OFO) PENALTIES

1. When ANR Pipeline Company (ANR), which serves the Company's distribution system, issues an OFO, customers taking service under this tariff will be subject to penalties if the Company receives penalties from ANR and if the customer contributes to the condition that causes the penalty. This pass through of penalties will be in addition to any other authorized penalties that can be charged to the customer.
2. Under current tariffs, ANR has the right to issue an OFO, to place restrictions on customers, in order to maintain or restore the operational integrity of its interstate pipeline system.
3. An OFO may include hourly flow restrictions on gas delivered to a single gate station and/or a group of gate stations as determined by ANR.
 - a. Under hourly flow restrictions, hourly flow rights for all contracts at a gate station and/or a group of gate stations will be aggregated into a single maximum hourly flow. If the maximum hourly flow is exceeded, a penalty will be issued by the ANR to the Company as the operator of the gate station and/or group of gate stations.
 - b. The penalty, as charged by ANR, will be allocated to each customer based on the number of therms by which the customer exceeded his/her contracted hourly flow rights divided by the total number of therms by which all customers exceeded their contracted hourly flow rights as determined by the Company's metering information and the customer's approved nomination with ANR.
 - c. For Single Entity Pools or Third Party Pools, the customer or pool administrator respectively, will be responsible for nominating the proper amount of gas at each gate station and /or group of gate stations where their pool members take gas. If the pool members at a gate station and/or group of gate stations exceed their hourly flow rights during an OFO, the customer, in the case of a Single Entity Pool, or the pool administrator, in the case of a Third Party Pool, will be responsible for all assessed penalties.

(Continued on Sheet No. E-17.00)

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(Continued from Sheet No. E-16.00)

E1. GAS TRANSPORTATION SERVICE

NATURAL GAS

PIPELINE OPERATIONAL FLOW ORDER (OFO) PENALTIES

- d. Upon request, the Company will provide the customer or pool administrator the name of the gate station through which the gas transportation customer's gas is flowing. Should distribution system changes cause a change in gate station assignment, the Company will notify the customer or pool administrator prior to March 1st for changes effective the following November 1st.
 - e. For system sales customers the Company's assigned ETS MDQ and FTS MDQ for each gate station will be used to calculate the hourly flow limit for each gate station and/or a group of gate stations.
- 4. The Company will submit a report to the Commission within 30 days of any billing of OFO penalties to its customers.
 - 5. The Company will issue a courtesy notification to transportation customers on its constraint notification list when it becomes aware of an OFO with hourly flow restrictions that affects its service territory. The failure of the Company to issue a courtesy notification will not affect the Company's ability to pass through OFO penalties as authorized by this tariff.
 - 6. All OFO penalty costs and revenues associated with the pass through of OFO penalties will flow through the Company's annual Gas Cost Recovery Reconciliation.

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E2. GAS TRANSPORTATION SERVICE–SPECIAL RULES

NATURAL GAS

SPECIAL RULES:

1. The Company will deliver natural gas of the quality received from its supplier(s).
2. Gas service under this rate schedule shall be subject to limitation, curtailment or suspension of service. Service under this schedule may be limited, curtailed, or suspended by the Company in the event of any emergency or force majeure on the interstate pipeline(s) serving the Company's system, in the Company's sole discretion; or in the event of any emergency or force majeure on the Company's system, in the Company's sole discretion. The Company will give the customer as much advance notice of any limitation, curtailment or suspension of service as is feasible. The customer shall limit, curtail, or suspend the use of gas by and during the time specified by the Company. Any customer failing to limit, curtail, or suspend gas usage will be subject to having their gas service physically valved-off until the recovery from the force majeure event is complete, in the Company's sole discretion. Also, all usage greater than the amount specified by the Company during a period of limitation, and all usage occurring after the time specified by the Company in a notice of curtailment or suspension of service, is considered unauthorized usage and is subject to the Surcharge for Unauthorized Use of Gas. Whenever the Company interrupts or curtails service under this schedule, it shall provide as much notice as possible to the customer, and upon termination of the interruption shall notify the customers of the Company's ability to resume delivery.
3. The Company reserves the right to physically valve-off the gas supply for any customer or pool taking service under this rate schedule on any Gas Day that the customer or pool is using more gas than the customer's or pool's Adjusted Scheduled Delivered Quantity, including any nominated Annual Supply Backup.
4. Authorized agents of the Company shall, at all reasonable times, have the right to inspect the customer's premises to observe compliance with the Company's rules and the requirements of this rate schedule.
5. The number of therms billed under this rate schedule in any billing period shall be equal to the sum of the Daily Therms. Daily Therms are calculated by multiplying the daily volume of gas used at each meter by the average heat content of the gas received from the interstate pipeline(s) serving the Company's system from the previous business day, as determined by the Company.
6. If the Company is not assured to its own satisfaction of the stability and economic feasibility of an extension to serve a customer under this rate schedule, the Company may require certain contributions, guarantees, or contractual agreements as provided under the Company's Extension Rules.

(Continued on Sheet No. E-19.00)

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(Continued from Sheet No. E-18.00)

E2. GAS TRANSPORTATION SERVICE–SPECIAL RULES

NATURAL GAS

SPECIAL RULES:

7. The Company has, or will, install remote meter reading devices to compare a customer's or pool's daily usage with Adjusted Scheduled Daily Quantities, including any nominated Annual Supply Backup. The customer shall provide, at the Company's request, an uninterrupted supply of 120V electricity and/or access to a customer maintained telephone line at the gas metering site for these devices.
8. To prevent frequent switching of customer classes due to extremes in annual weather conditions and other reasons, the Company can require customers to exceed the customer class annual usage bands by $\pm 10\%$ before switching them to a different customer class. Annual usage each year is defined as the customer's actual usage during the January through December business months.
9. In its sole discretion, the Company may restrict, prohibit and/or refuse to accept gas transportation deliveries to the Company's system received at the Conover Station for any operational, contractual or physical reason.
10. Customers taking service under this rate schedule are also subject to the following rate schedules: Municipalities Served, Service Data, Curtailment Plan, General Rules, Extension Rules.

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E3. GAS TRANSPORTATION SERVICE-RATES

NATURAL GAS

GAS TRANSPORTATION SERVICE

	<u>Distribution Charge</u>	<u>Take-or-Pay Rate</u>	<u>Effective Rate</u>
<u>Cg-TM</u>	\$	\$	\$
Monthly Customer Charge*	--	--	4.8493/147.50
Rate Per Therm	0.08514	0.00000	0.08514
 <u>Cg-TL</u>			
Monthly Customer Charge*	--	--	6.9698/212.00
Rate Per Therm	0.06214	0.00000	0.06214
 <u>Cg-TSL</u>			
Monthly Customer Charge*	--	--	6.9698/212.00
Rate Per Therm	0.03000	0.00000	0.03000

* This charge includes a \$140.00 per month Administrative Charge.

PEAK DAY BACKUP SERVICE AND ANNUAL SUPPLY BACKUP SERVICE

Demand Charge - Per Therm of Demand Per Month (Annual Option)	\$0.66147
Demand Charge - Per Therm of Demand Per Month (Seasonal Option)	\$0.80276
Commodity Charge - City Gate Rate Per Therm**	\$0.23803
D1 Rate (Case No. U-17890)	\$0.08755

** Rate at the Company's city gate. The transportation Distribution Charge corresponding to the customer's rate class (from above) must be added to calculate the effective rate for deliveries to the customer's meter. This rate is subject to adjustment pursuant to the GCR Factor Adjustment Mechanism on Sheet No. D-6.00.

ANR-WPSC PRESSURE BASE CORRECTION:

(14.73/14.60) = 1.0089

DAILY BALANCING SERVICE

	<u>Floor Rate Per Therm</u>	<u>Ceiling Rate Per Therm</u>	<u>Effective Rate Per Therm</u>
<u>% Difference From Nomination</u>			
>0.0% up to 8.0%	\$0.0020	\$0.0519	\$0.0175
>8.0%	\$0.0323	\$0.0842	\$0.0370

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SECTION F
STANDARD CUSTOMER FORMS INDEX

(The Standard Forms are not included at this time. They will be submitted as new forms are adopted by the Company.)

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