

Restricted Large Volume Service  
Rate Schedule SA-1

**AVAILABILITY**

This natural gas rate schedule is available at points of adequate capacity and suitable pressure on existing facilities of **ENTEX** (hereinafter called "Company") in the State of Louisiana where Company can arrange for the purchase and transportation of a gas supply for a specific customer on terms and conditions satisfactory to the Company.

**APPLICATION**

This natural gas rate schedule is applicable to any new or existing large volume customer (hereinafter called "Consumer or Consumers") of Company who executes a contract or an amendment to a contract prior to July 1, 1993 and uses, based on Company's estimate, an average of 100 MMBtu per day of natural gas for use in a State Agency, as defined in this rate schedule. Gas supplied hereunder is for the individual use of the Consumer at one point of delivery or at one plant location and shall not be resold or shared with others.

**NET MONTHLY RATE**

The Net Monthly Rate per MMBtu for all gas sold and delivered by Company to Consumer hereunder during a billing period shall be the sum of (i) a charge for each point of delivery as specified in the written contract contemplated hereby; plus (ii) one dollar (\$1.00) per MMBtu; plus (iii) the index posting per MMBtu reported each month for Louisiana, Gulf Coast, Onshore, Spot, Delivered to Pipeline, Bid Week, found in "Gas Price Report" as reported in Natural Gas Week; plus (iv) applicable taxes, as defined in this rate schedule.

**APPLICABLE TAXES**

The term "applicable taxes" shall include (i) all existing taxes, imposts, assessments or charges, except ad valorem, net income and excess profits taxes, imposed or levied by any governmental authority on Company and applicable to a Consumer, and (ii) Consumer's proportionate part of any new, subsequently applicable or increased rate of any existing tax, impost, assessment or charge or subsequently applicable taxes, except ad valorem, net income and excess profits taxes, imposed or levied by any governmental authority as a result of any new or amended law or ordinance enacted after June 1, 1993, which is assessed or levied against the Company or directly affects the Company's cost of operation or is added to or made a part of the cost of gas purchased by the Company.

**MINIMUM BILL**

During any billing period, Company shall render to Consumer a bill for an amount not less than \$1,000.00 plus applicable taxes.

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**MINIMUM CONSUMPTION CHARGE**

If during the twelve month period beginning June 1 of the current calendar year Company tenders at least 36,500 MMBtu during such twelve month period and Consumer takes less than 36,500 MMBtu during such twelve month period, then Consumer shall pay to Company a minimum consumption charge equal to the average rate per MMBtu for such twelve month period multiplied by all volume not taken up to 36,500 MMBtu.

**WRITTEN CONTRACTS**

In order to receive a delivery of gas from Company hereunder, a Consumer must be a party to a Gas Sales Contract with the Company for the purchase and sale of natural gas. This Gas Sales Contract must be in a form and on terms and conditions acceptable to Company.

**STATE AGENCY**

A State Agency shall be defined as, but not limited to, a department, educational institution, correctional facility, hospital, commission, board or other governmental body which is an agency, department or subdivision of the State of Louisiana.

**MEASUREMENT**

The term "cubic foot of gas" for the purpose of measurement of the gas delivered and for all other purposes is the amount of gas necessary to fill a cubic foot of space when the gas is at an absolute pressure of 14.65 pounds per square inch and at a base temperature of sixty (60) degrees Fahrenheit. The average atmospheric pressure shall be assumed to be fourteen and seven-tenths (14.7) pounds per square inch, irrespective of actual elevation or location of the pressure from time to time.

The term "Mcf" shall mean 1,000 cubic feet of gas.

When orifice meters are used for the measurement of gas, such orifice meters shall be constructed and installed, and the computations of volume made, in accordance with the provisions of Gas Measurement Committee Report No. 3 of the American Gas Association as revised September, 1969, with any subsequent amendments or revisions which may be mutually acceptable.

The temperature of the gas shall be determined by a recording thermometer so installed that it may record the temperature of gas flowing through the meter or meters. The average of the record to the nearest one (1) degree Fahrenheit, obtained while gas is being delivered, shall be the applicable flowing gas temperature of the period under consideration.

The specific gravity of the gas shall be determined by a recording gravitometer owned and operated by the Company, so installed that it may record the specific gravity of the gas flowing through the meter or meters; provided, however, that the results of spot tests made by the Company with a standard type specific gravity instrument shall be used at locations where the Company does not have a recording gravitometer in service.

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**MEASUREMENT** cont'd.

If the recording gravitometer is used, the average of the record to the nearest one-thousandth (0.001), obtained while gas is being delivered, shall be the applicable specific gravity of the gas for the period under consideration. If the spot test method is used, the specific gravity of the gas delivered hereunder shall be determined once monthly, the result obtained, to the nearest one-thousandth (0.001), to be applicable during the succeeding billing month.

Adjustment for the effect of supercompressibility shall be made according to the provisions of A.G.A. Report No. 3, hereinabove identified, for the average conditions of pressure, flowing temperature and specific gravity at which the gas was measured during the period under consideration and with the proportionate value of each, carbon dioxide and nitrogen in the gas delivered included in the computation of the applicable supercompressibility factors. Company shall obtain appropriate carbon dioxide and nitrogen fraction value as may be required from time to time.

When positive displacement meters and/or turbine meters are used for the measurement of gas, the flowing temperature of the gas metered shall be assumed to be sixty (60) degrees Fahrenheit, and no correction shall be made for any variation therefrom; provided, however, that Company shall have the option of installing a recording thermometer, and if Company exercises such option, corrections shall be made for each degree variation in the applicable flowing temperature for the period under consideration.

The volumes of gas determined shall be adjusted for the effect of supercompressibility as follows:

- (i) When the flowing temperature of gas is assumed to be sixty (60) degrees Fahrenheit, the supercompressibility factor shall be the square of the factor,  $F_{pv}$ , computed in accordance with the principles of the American Gas Association Gas Measurement Committee Report No. 3, hereinabove identified, for a pure hydrocarbon gas of six-tenths (0.6) specific gravity and for the average conditions of pressure and flowing temperature at which the gas was measured.
- (ii) When the flowing gas temperature is recorded and applied to the option above, the supercompressibility factor shall be the square of the factor,  $F_{pv}$ , computed in accordance with the principles of the American Gas Association Gas Measurement Committee Report No. 3, hereinabove identified, for a pure hydrocarbon gas of six-tenths (0.6) specific gravity and for the average conditions of pressure and flowing temperature at which the gas was measured.

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**GROSS HEATING VALUE**

The term "Btu" means one (1) British thermal unit.

The term "MMBtu" means one million (1,000,000) British thermal units.

The term "gross heating value" means the quantity of heating Btus liberated by the complete combustion at constant pressure of one (1) cubic foot of gas at sixty (60) degrees Fahrenheit saturated with water vapor with the products of combustion cooled to the initial temperature of the gas and the water formed by the combustion condensed to the liquid state. The gross heating value of the gas thus obtained shall be expressed on the measurement basis set forth in this rate schedule and shall be adjusted to the Btu content of the natural gas sampled during the applicable billing period in which natural gas deliveries have been made under this rate schedule.

Company shall, at its sole cost, risk, and expense, install or cause to be installed suitable gas measurement equipment at a location to be selected by the Company and shall either (i) install a continuous gas sampling device to obtain a monthly gas sample to be used in determining the quantities of Btus or (ii) use Company's supplier's samples for determining the quantities of Btus if Company's supplier samples such gas for Btu content at an appropriate point. If Company's sample is used, the gas sample shall be analyzed, at Company's expense, on a gas chromatograph of standard make and manufacture acceptable in the gas industry and the results of such analysis shall be utilized in determining the quantity of Btus.

**EFFECTIVE DATE**

This natural gas rate schedule shall be effective for the period June 1, 1993 through May 31, 1994 and shall automatically renew itself for successive terms of one (1) year each (from June 1 to May 31 of the following year) unless a written notice withdrawing Rate Schedule SA-1 is given to the Louisiana Public Service Commission by Company at least thirty (30) days prior to the end of the initial one (1) year term or prior to the end of any successive one (1) year term.

**BILLING AND PAYMENT**

The meter(s) measuring gas to the Consumer will be read at intervals of about thirty (30) days, called billing periods, and bills for service during each billing period will be rendered to Consumer and are due and payable to Company within twenty (20) days of the date of such bill.

In the event Consumer shall fail to pay any amount due Company when the same is due, then interest thereon shall accrue at a daily rate equal to the then current prime rate as announced by Citibank, N. A., plus 2% per annum from the date when such amount is due until same is paid; provided, however, such amount shall never exceed the maximum lawful rate applicable to Consumer hereunder. If such failure to pay continues for sixty (60) days, Company may suspend deliveries of gas, and the exercise of such right shall be in addition to any and all other remedies available to Company.

Reliant Energy Entex  
Issued: 07/01/99  
Issued by: W. D. Stinnett  
Senior Vice President, Support Services

Original Sheet 15d  
EFFECTIVE: 06/01/93

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**EXPLANATION OF SUPPLY AVAILABILITY**

Under this natural gas rate schedule, Company may sell and deliver to Consumer such gas as Company may have available, in its sole judgement, from time to time and, if available, Consumer may purchase such quantities of natural gas as Consumer may desire, from time to time.

**CURTAILMENT**

In the event a shortage of natural gas renders Company unable to supply the full natural gas requirements of all of its customers on any particular system, Company may, without liability to its customers for either curtailment or the order or manner of curtailment, allocate or prorate available gas supply (i) in conformity with the existing orders of regulatory bodies having jurisdiction in the system (including the Louisiana Public Service Commission); or (ii) if no such order exists, in any reasonable manner selected by Company giving due regard to human needs customers including but not limited to residences, schools, hospitals, and nursing homes.

**RULES AND REGULATIONS**

Service under this natural gas rate schedule shall be furnished in accordance with the written contract contemplated hereby and the Company's General Rules and Regulations, as such rules may be amended from time to time. These General Rules and Regulations shall be on file and available for inspection at the Company's office.