

**CENTERPOINT ENERGY RESOURCES CORP.
D/B/A CENTERPOINT ENERGY ENTEX
AND CENTERPOINT ENERGY TEXAS GAS
SOUTH TEXAS DIVISION
RATE SHEET
RESIDENTIAL SERVICE
RATE SCHEDULE NO. R-2097-I GRIP 2019**

APPLICATION OF SCHEDULE

This schedule is applicable to any customer in an incorporated area excluding a city that has ceded jurisdiction to the Commission in the South Texas Division to whom service is supplied in a single private dwelling unit and its appurtenances, the major use of which is for household appliances, and for the personal comfort and convenience of those residing therein.

Natural gas supplied hereunder is for the individual use of the customer at one point of delivery and shall not be resold or shared with others.

MONTHLY RATE

For bills rendered on and after the effective date of this rate schedule, the monthly rate for each customer receiving service under this rate schedule shall be the sum of the following:

(a) The Base Rate consisting of:

(1) Customer Charge – \$21.04¹

(2) Commodity Charge --

For customers billed at a 14.65 Pressure Base:

All Ccf @ 14.65 \$0.33613

For customers billed at a 14.95 Pressure Base:

All Ccf @ 14.95 \$0.34301

- (b) Tax Adjustment – The Tax Adjustment will be calculated and adjusted periodically as defined in the Company's applicable Tax Adjustment Rate Schedule and Franchise Fee Adjustment Rate Schedule.
- (c) Gas Cost Adjustment – The applicable Purchased Gas Adjustment (PGA) Rate – as calculated on a per Ccf basis and adjusted periodically under the applicable Purchased Gas Adjustment (PGA) Rate Schedule – for all gas used.
- (d) Rate Case Expense Recovery - Rate Case Expense Recovery will be calculated and adjusted periodically as defined in the Company's applicable Rate Case Expense Recovery Rate Schedule.
- (e) Hurricane Surcharge – Hurricane Surcharge will be calculated as defined in the Company's applicable Hurricane Surcharge Rate Schedule.

PAYMENT

Due date of the bill for service shall not be less than 15 days after issuance or such other period of time as may be provided by order of the regulatory authority. A bill for utility service is delinquent if unpaid by the due date.

Notes:

¹ Customer Charge	\$19.00 (GUD 10669)
2019 GRIP Charge	<u>2.04</u> (GUD XXXXX)
Total Customer Charge	\$21.04

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RULES AND REGULATIONS

Service under this schedule shall be furnished in accordance with the Company's General Rules and Regulations, as such rules may be amended from time to time. A copy of the Company's General Rules and Regulations may be obtained from Company's office located at 1111 Louisiana Street, Houston, Texas.

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SOUTH TEXAS DIVISION
RATE SHEET
RESIDENTIAL SERVICE
RATE SCHEDULE NO. R -2097-U GRIP 2019**

APPLICATION OF SCHEDULE

This schedule is applicable to any customer in an unincorporated area or city that has ceded jurisdiction to the Commission in the South Texas Division to whom service is supplied in a single private dwelling unit and its appurtenances, the major use of which is for household appliances, and for the personal comfort and convenience of those residing therein. The cities that have ceded jurisdiction to the Commission in the South Texas Division include Beeville, Eagle Lake, El Campo, Floresville, Goliad, Hallettsville, Kenedy, New Braunfels, Nordheim, Palacios, Pleasanton, San Diego, San Marcos, Schertz, Seguin, Selma, Sinton, and Weimar.

Natural gas supplied hereunder is for the individual use of the customer at one point of delivery and shall not be resold or shared with others.

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All Ccf @ 14.65 \$0.33613

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(d) Rate Case Expense Recovery - Rate Case Expense Recovery will be calculated and adjusted periodically as defined in the Company's applicable Rate Case Expense Recovery Rate Schedule.

(e) Hurricane Surcharge – Hurricane Surcharge will be calculated as defined in the Company's applicable Hurricane Surcharge Rate Schedule.

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RULES AND REGULATIONS

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SOUTH TEXAS DIVISION
RATE SHEET
GENERAL SERVICE-SMALL
RATE SCHEDULE NO. GSS-2097-I GRIP 2019**

APPLICATION OF SCHEDULE

This schedule is applicable to natural gas service to any customer in an incorporated area excluding a city that has ceded jurisdiction to the Commission in the South Texas Division engaging in any business, professional or institutional activity, for all uses of gas, including cooking, heating, refrigeration, water heating, air conditioning, and power.

This schedule is applicable to any general service customer for commercial uses and industrial uses, except standby service, whose average monthly usage for the prior calendar year is 150,000 cubic feet or less. Natural gas supplied hereunder is for the individual use of the customer at one point of delivery and shall not be resold or shared with others.

MONTHLY RATE

For bills rendered on and after the effective date of this rate schedule, the monthly rate for each customer receiving service under this rate schedule shall be the sum of the following:

(a) The Base Rate consisting of:

(1) Customer Charge – \$29.16¹

(2) Commodity Charge –
For customers billed at a 14.65 Pressure Base:
All Ccf @ 14.65 \$0.16286

For customers billed at a 14.95 Pressure Base:
All Ccf @ 14.95 \$0.16620

(b) Tax Adjustment – The Tax Adjustment will be calculated and adjusted periodically as defined in the Company's applicable Tax Adjustment Rate Schedule and Franchise Fee Adjustment Rate Schedule.

(c) Gas Cost Adjustment – The applicable Purchased Gas Adjustment (PGA) Rate – as calculated on a per Ccf basis and adjusted periodically under the applicable Purchased Gas Adjustment (PGA) Rate Schedule – for all gas used.

(d) Rate Case Expense Recovery - Rate Case Expense Recovery will be calculated and adjusted periodically as defined in the Company's applicable Rate Case Expense Recovery Rate Schedule.

(e) Hurricane Surcharge – Hurricane Surcharge will be calculated as defined in the Company's applicable Hurricane Surcharge Rate Schedule.

PAYMENT

Notes:

¹ Customer Charge	\$25.00 (GUD 10669)
2019 GRIP Charge	<u>4.16</u> (GUD XXXXX)
Total Customer Charge	\$29.16

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RATE SCHEDULE NO. GSS-2097-I GRIP 2019**

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RULES AND REGULATIONS

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GENERAL SERVICE-SMALL
RATE SCHEDULE NO. GSS-2097-U GRIP 2019**

APPLICATION OF SCHEDULE

This schedule is applicable to natural gas service to any customer in an unincorporated area excluding a city that has ceded jurisdiction to the Commission in the South Texas Division engaging in any business, professional or institutional activity, for all uses of gas, including cooking, heating, refrigeration, water heating, air conditioning, and power. The cities that have ceded jurisdiction to the Commission in the South Texas Division include Beeville, Eagle Lake, El Campo, Floresville, Goliad, Hallettsville, Kenedy, New Braunfels, Nordheim, Palacios, Pleasanton, San Diego, San Marcos, Schertz, Seguin, Selma, Sinton, and Weimar.

This schedule is applicable to any general service customer for commercial uses and industrial uses, except standby service, whose average monthly usage for the prior calendar year is 150,000 cubic feet or less. Natural gas supplied hereunder is for the individual use of the customer at one point of delivery and shall not be resold or shared with others.

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(d) Rate Case Expense Recovery - Rate Case Expense Recovery will be calculated and adjusted periodically as defined in the Company's applicable Rate Case Expense Recovery Rate Schedule.

(e) Hurricane Surcharge – Hurricane Surcharge will be calculated as defined in the Company's applicable Hurricane Surcharge Rate Schedule.

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RATE SHEET
GENERAL SERVICE-LARGE VOLUME
RATE SCHEDULE NO. GSLV-628-I GRIP 2019**

AVAILABILITY

This schedule is available at points on existing facilities of adequate capacity and suitable pressure in the area designated in the Rate Book of **CENTERPOINT ENERGY RESOURCES CORP., D/B/A CENTERPOINT ENERGY ENTEX AND CENTERPOINT ENERGY TEXAS GAS** (hereinafter called "Company").

APPLICATION OF SCHEDULE

This schedule is applicable to any general service customer in an incorporated area excluding a city that has ceded jurisdiction to the Commission in the South Texas Division for commercial uses and industrial uses whose average monthly usage for the prior calendar year is more than 150,000 cubic feet. Gas supplied hereunder is for the individual use of the Consumer at one point of delivery and shall not be resold or shared with others. If the Consumer has a written contract with Company, the terms and provision of such contract shall be controlling.

MONTHLY RATE

For bills rendered on and after the effective date of this rate schedule, the monthly rate for each customer receiving service under this rate schedule shall be the sum of the following:

(a) The Base Rate consisting of:

(1) Customer Charge – \$126.70¹

(2) Commodity Charge –

All Ccf @ 14.65 \$0.07647

(b) Tax Adjustment – The Tax Adjustment will be calculated and adjusted periodically as defined in the Company's applicable Tax Adjustment Rate Schedule and Franchise Fee Adjustment Rate Schedule.

(c) Gas Cost Adjustment – The applicable Purchased Gas Adjustment (PGA) Rate – as calculated on a per Mcf basis and adjusted periodically under the applicable Purchased Gas Adjustment (PGA) Rate Schedule – for all gas used.

(d) Rate Case Expense Recovery - Rate Case Expense Recovery will be calculated and adjusted periodically as defined in the Company's applicable Rate Case Expense Recovery Rate Schedule.

(e) Hurricane Surcharge – Hurricane Surcharge will be calculated as defined in the Company's applicable Hurricane Surcharge Rate Schedule.

WRITTEN CONTRACT

In order to receive a delivery from Company of more than 25 Mcf during any one day, the Consumer must execute a written contract with Company on Company's form of contract covering the sale of gas by Company to it. In the case

Notes:

¹ Customer Charge	\$ 99.50 (GUD 10669)
2019 GRIP Charge	27.20 (GUD XXXXX)
Total Customer Charge	\$126.70

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of existing Consumers, the maximum gas usage during any one day shall be obtained from the records of the Company, except in cases where the existing Consumer will be purchasing increased volumes of gas from Company because of expansions or for any other reasons, in which event the Company may estimate usage by such Consumer. Also in the case of new Consumers, the Company may estimate usage by the Consumer. Any such estimates made by Company shall be binding on Consumer in determining whether or not a contract is required. Such written contract shall be executed by Consumer upon request of Company and Company shall not be obligated to serve any such Consumer more than 25 Mcf during any one day until such written contract is executed and delivered by Consumer.

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

The Sales Unit shall be one Mcf.

Assumed Atmospheric Pressure - 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 point of delivery above sea level or variation in such atmospheric pressure from time to time.

Orifice Meters - 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 (A.G.A. Report No. 3), 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 the 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 for the period under consideration.

The specific gravity of the gas shall be determined by a recording gravitometer owned and operated by the pipeline company from whom Company purchases its gas, 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 pipeline company with a standard type specific gravity instrument shall be used at locations where the pipeline company does not have a recording gravitometer in service. 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

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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 values as may be required from time to time.

Positive Displacement Meters and Turbine Meters - 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:

- (A) 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 A.G. A. Report No. 3, hereinabove identified, for a pure hydrocarbon gas of six-tenths (0.6) specific gravity and for the average pressure at which the gas was measured.
- (B) When the flowing gas temperature is recorded and applied according 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.

SUPPLY INTERRUPTIONS

Total or partial interruption of gas deliveries due to acts of God, the elements, requirements for residential and other uses declared superior to Consumers by law, or to other causes or contingencies beyond the control of Company or not proximately caused by Company's negligence, shall not be the basis for claims-delivery and receipt of gas to be resumed whenever any such cause or contingency shall end.

CHARGES FOR UNAUTHORIZED OVER-RUN GAS

Any gas taken during any day by Consumer which exceeds the maximum daily quantity specified in Consumer's contract with Company shall be considered to be unauthorized over-run gas. Any gas taken by Consumer after the effective hour of an order calling for a complete curtailment of all gas deliveries, and prior to the authorized resumption of natural gas service, hereunder shall be considered to be unauthorized over-run gas. Any gas taken by Consumer after the effective hour of an order calling for a partial curtailment, and prior to the authorized resumption of natural gas service, which exceeds the stated amount of gas deliveries Consumer may take during such partial curtailment, shall be considered to be unauthorized over-run gas. Company shall bill, and Consumer shall pay for unauthorized over-run gas at the rate of \$10.00 per Mcf, in addition to the Monthly Rate specified herein for such gas. The payment of such additional charge for unauthorized over-run gas shall not, under any circumstances, be considered as giving the Consumer the right to take unauthorized over-run gas, nor shall such payment be considered to exclude or limit any other remedies available to Company against the Consumer for exceeding the maximum daily quantity specified in Consumer's contract with Company, or for failure to comply with curtailment orders issued by Company hereunder.

The additional amount specified above charged for unauthorized over-run gas shall be adjusted, either plus or minus, to conform to the change made by Company's supplier in its rate schedule under which Company purchases its gas supply for resale under this schedule.

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RATE SCHEDULE NO. GSLV-628-U GRIP 2019**

AVAILABILITY

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APPLICATION OF SCHEDULE

This schedule is applicable to any general service customer in an unincorporated area or city that has ceded jurisdiction to the Commission in the South Texas Division for commercial uses and industrial uses whose average monthly usage for the prior calendar year is more than 150,000 cubic feet. Gas supplied hereunder is for the individual use of the Consumer at one point of delivery and shall not be resold or shared with others. If the Consumer has a written contract with Company, the terms and provision of such contract shall be controlling.

MONTHLY RATE

For bills rendered on and after the effective date of this rate schedule, the monthly rate for each customer receiving service under this rate schedule shall be the sum of the following:

(a) The Base Rate consisting of:

(1) Customer Charge – \$126.70¹

(2) Commodity Charge –

All Ccf @ 14.65 \$0.07647

(b) Tax Adjustment – The Tax Adjustment will be calculated and adjusted periodically as defined in the Company's applicable Tax Adjustment Rate Schedule and Franchise Fee Adjustment Rate Schedule.

(c) Gas Cost Adjustment – The applicable Purchased Gas Adjustment (PGA) Rate – as calculated on a per Mcf basis and adjusted periodically under the applicable Purchased Gas Adjustment (PGA) Rate Schedule – for all gas used.

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of existing Consumers, the maximum gas usage during any one day shall be obtained from the records of the Company, except in cases where the existing Consumer will be purchasing increased volumes of gas from Company because of expansions or for any other reasons, in which event the Company may estimate usage by such Consumer. Also in the case of new Consumers, the Company may estimate usage by the Consumer. Any such estimates made by Company shall be binding on Consumer in determining whether or not a contract is required. Such written contract shall be executed by Consumer upon request of Company and Company shall not be obligated to serve any such Consumer more than 25 Mcf during any one day until such written contract is executed and delivered by Consumer.

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The Sales Unit shall be one Mcf.

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The specific gravity of the gas shall be determined by a recording gravitometer owned and operated by the pipeline company from whom Company purchases its gas, 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 pipeline company with a standard type specific gravity instrument shall be used at locations where the pipeline company does not have a recording gravitometer in service. 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.

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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 values as may be required from time to time.

Positive Displacement Meters and Turbine Meters - 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:

- (A) When the flowing temperature of gas is assumed to be sixty (60) degrees Fahrenheit, the supercompressibility factor shall be the square of the factor, Fpv, computed in accordance with the principles of the A.G. A. Report No. 3, hereinabove identified, for a pure hydrocarbon gas of six-tenths (0.6) specific gravity and for the average pressure at which the gas was measured.
- (B) When the flowing gas temperature is recorded and applied according to the option above, the supercompressibility factor shall be the square of the factor, Fpv, 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.

SUPPLY INTERRUPTIONS

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CHARGES FOR UNAUTHORIZED OVER-RUN GAS

Any gas taken during any day by Consumer which exceeds the maximum daily quantity specified in Consumer's contract with Company shall be considered to be unauthorized over-run gas. Any gas taken by Consumer after the effective hour of an order calling for a complete curtailment of all gas deliveries, and prior to the authorized resumption of natural gas service, hereunder shall be considered to be unauthorized over-run gas. Any gas taken by Consumer after the effective hour of an order calling for a partial curtailment, and prior to the authorized resumption of natural gas service, which exceeds the stated amount of gas deliveries Consumer may take during such partial curtailment, shall be considered to be unauthorized over-run gas. Company shall bill, and Consumer shall pay for unauthorized over-run gas at the rate of \$10.00 per Mcf, in addition to the Monthly Rate specified herein for such gas. The payment of such additional charge for unauthorized over-run gas shall not, under any circumstances, be considered as giving the Consumer the right to take unauthorized over-run gas, nor shall such payment be considered to exclude or limit any other remedies available to Company against the Consumer for exceeding the maximum daily quantity specified in Consumer's contract with Company, or for failure to comply with curtailment orders issued by Company hereunder. The additional amount specified above charged for unauthorized over-run gas shall be adjusted, either plus or minus,

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to conform to the change made by Company's supplier in its rate schedule under which Company purchases its gas supply for resale under this schedule.

RULES AND REGULATIONS

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