

UNION ELECTRIC COMPANY GAS SERVICE

Applying to MISSOURI SERVICE AREA

***MISSOURI ENERGY EFFICIENT NATURAL GAS
EQUIPMENT AND BUILDING SHELL MEASURE REBATE PROGRAMS (cont'd)**

The terms of the rebate(s) are as follows:

Residential Measures

- 1) Equipment: Thermostat - purchase and installation of one (1) unit.
Rated: Programmable.
Rebate: Twenty five dollars (\$25) or 50% of the equipment cost, whichever is lower.

- 2) Equipment: Natural Gas Furnace (Tier 1) - purchase and installation of one (1) unit.
Rated: High efficiency AFUE rated 92% to 93.9%.
Rebate: Owner Occupied: One hundred and fifty dollars (\$150).
Landlord: Two hundred dollars (\$200). The rebate for a landlord under this program is considered a pilot. This pilot will allow a landlord to receive a maximum of ten (10) rebates for this measure per year or 10% of their total number of rental units, whichever is higher.
Term: This rebate will end when the new DOE standard takes effect.

- 3) Equipment: Natural Gas Furnace (Tier 2) - purchase and installation of one (1) unit.
Rated: High efficiency AFUE rated 94% to 95.9%.
Rebate: Owner Occupied: Two hundred and fifty dollars (\$250).
Landlord: Three hundred dollars (\$300). The rebate for a landlord under this program is considered a pilot. This pilot will allow a landlord to receive a maximum of ten (10) rebates for this measure per year or 10% of their total number of rental units, whichever is higher.
Term: This rebate will end when the new DOE standard takes effect.

- 4) Equipment: Natural Gas Boiler (Tier 1) - purchase and installation of one (1) unit.
Rated: ENERGY STAR® Qualified high efficiency AFUE rated from 85-89.9%.
Rebate: Owner Occupied: One hundred dollars (\$100).
Landlord: One hundred and fifty dollars (\$150). The rebate for a landlord under this program is considered a pilot. This pilot will allow a landlord to receive a maximum of ten (10) rebates for this measure per year or 10% of their total number of rental units, whichever is higher.

*Indicates Change.

DATE OF ISSUE September 30, 2013

DATE EFFECTIVE January 1, 2014

ISSUED BY Warner L. Baxter
Name of Officer

President & CEO
Title

St. Louis, Missouri
Address

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***MISSOURI ENERGY EFFICIENT NATURAL GAS
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Residential Measures (cont'd)

- 5) Equipment: Natural Gas Boiler (Tier 2) - purchase and installation of one (1) unit.
Rated: ENERGY STAR® Qualified high efficiency AFUE rated 90% or higher.
Rebate: Owner Occupied: One hundred and fifty dollars (\$150).
Landlord: Three hundred dollars (\$300). The rebate for a landlord under this program is considered a pilot. This pilot will allow a landlord to receive a maximum of ten (10) rebates for this measure per year or 10% of their total number of rental units, whichever is higher.
- 6) Equipment: Natural Gas Tank Storage Water Heater - purchase and installation of one (1) unit.
Rated: High efficiency with an EF rating greater than or equal to 0.67.
Rebate: One hundred and twenty-five dollars (\$125).
- 7) Equipment: Ceiling Insulation
Rated: Customer's existing ceiling insulation must be at R19 or less as verified and documented by an insulation contractor. Customer's contractor must install to a minimum rating of R30 to a maximum of R49.
Rebate: $\$0.008 \times \text{sq ft} \times \Delta R$ with a maximum rebate of two hundred dollars (\$200).
- 8) Equipment: Wall Insulation
Rated: Customer's existing wall insulation must be at R0 as verified and documented by an insulation contractor. Customer's contractor must install to a minimum rating of R11.
Rebate: $\$0.058 \times \text{sq ft} \times \Delta R$ with a maximum rebate of four hundred dollars (\$400).
- 9) Equipment: Hot Water Measure Kit - installation of one (1) kit which may include: one (1) shower head, two (2) aerators, ten (10) feet pipe wrap.
Rated: 1.5 Gallons Per Minute (GPM)
Rebate: Measures will either be free or discounted to eligible customers, at the discretion of the Company, via at least one distribution method such as an on-line store.

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***MISSOURI ENERGY EFFICIENT NATURAL GAS
EQUIPMENT AND BUILDING SHELL MEASURE REBATE PROGRAMS (cont'd)**

Residential Measures (cont'd)

10) Equipment: Building Shell Measures - Residential Home Energy Audit Improvement - purchase and installation of cost effective natural gas energy saving equipment and building shell measures as recommended from a customer's energy audit performed by a Qualified Auditor which are not included in other residential natural gas measures listed in this Program.

Rated: Measures considered efficiency improvements include:

1. Ceiling Insulation
 - a. Customer's existing ceiling insulation must be R19 or less. Customer must install to a minimum of at least R30 and a maximum of R49.
2. Wall Insulation
 - a. Customer's existing wall insulation must be at R0 as verified and documented by an insulation contractor. Customer's contractor must install to a minimum rating of R11.
3. Air Sealing Measures - Reduction in ACH must be at least 0.5 ACH through measures that may include:
 - a. Window weather stripping
 - b. Door weather stripping
 - c. Switch and outlet insulation
 - d. Caulking
 - e. Foam etc.
4. Duct Sealing Measures - Reduction in CFM50 must be at least 50 CFM50
5. Hot Water Measure Kit - which may include:
 - a. Faucet aerators
 - b. Low flow shower heads
 - c. Hot water pipe wrap

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***MISSOURI ENERGY EFFICIENT NATURAL GAS
EQUIPMENT AND BUILDING SHELL MEASURE REBATE PROGRAMS (cont'd)**

Residential Measures (cont'd)

Rebate: A rebate is offered for each category listed above:

1. Ceiling Insulation - \$0.008 x sq ft x ΔR with a maximum rebate of four hundred dollars (\$400).
2. Wall Insulation - \$0.058 x sq ft x ΔR with a maximum rebate of eight hundred dollars (\$800).
3. Air Sealing Measures - \$42 per ACH reduction with a maximum rebate of two hundred dollars (\$200). Combustion safety inspections must be completed as a part of the audit.
4. Duct Sealing Measures - \$30 per 100 CFM 50 reduction, with a minimum of 50 CFM50 reduction, with a maximum rebate of two hundred dollars (\$200). Combustion safety inspections must be completed as a part of the audit.
5. Hot Water Measure Kit - One (1) free kit per household

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**MISSOURI ENERGY EFFICIENT NATURAL GAS
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General Service Measures

- 1) Equipment: Thermostat - purchase and installation of up to two (2) units.
Rated: Programmable.
Rebate: Twenty five dollars (\$25) per thermostat for up to two (2) thermostats, fifty dollars (\$50) total or 50% of the equipment cost, whichever is lower.
- 2) Equipment: Steam Trap Replacement - purchase and replacement of up to twenty five (25) failing units.
Rated: Steam Trap replacement considered efficiency improvement.
Rebate: Fifty dollars (\$50) per steam trap; twelve hundred and fifty dollars (\$1,250) total.
- 3) Equipment: Natural Gas Food Service Steam Cookers - 5 Pan - purchase and installation of one (1) food service steam cooker - 5 pan.
Rated: ENERGY STAR® Qualified.
Rebate: Eighteen hundred dollars (\$1,800).
- 4) Equipment: Natural Gas Food Service Steam Cookers - 6 Pan - purchase and installation of one (1) food service steam cooker - 6 pan.
Rated: ENERGY STAR® Qualified.
Rebate: Eighteen hundred dollars (\$1,800).
- 5) Equipment: Natural Gas Food Service Double Oven - purchase and installation of one (1) food service double oven.
Rated: ENERGY STAR® Qualified.
Rebate: Twenty-six hundred dollars (\$2,600).
- 6) Equipment: Natural Gas Tank Storage Water Heater (Tier I) - purchase and installation of up to two (2) units.
Rated: High efficiency with an EF rating greater than or equal to 0.62 and less than 0.67.
Rebate: Fifty dollars (\$50) per unit, one hundred dollars (\$100) total.
- *7) Equipment: Natural Gas Tank-less Water Heater - purchase and installation of up to two (2) units.
Rated: High efficiency with an EF rating greater than or equal to 0.82.
Rebate: One hundred and fifty dollars (\$150) per unit, three hundred dollars (\$300) total.

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General Service Measures (cont'd)

- 8) Equipment: Hot Water Measure Kit - installation of one (1) kit which may include: one (1) shower head, two (2) aerators, ten (10) feet pipe wrap
Rated: 1.5 GPM
Rebate: Measures will either be free or discounted to eligible customers, at the discretion of the Company, via at least one distribution method such as an on-line store.
- 9) Equipment: Ceiling Insulation
Rated: Customer's existing ceiling insulation must be at R13 or less as verified and documented by an insulation contractor. Customer's contractor must install to a minimum rating of R18. Rebate: \$0.0268 x sq ft x ΔR with a maximum rebate of two hundred fifty and dollars (\$250).
- 10) Equipment: Wall Insulation
Rated: Customer's existing wall insulation must be at R11 or less as verified and documented by an insulation contractor. Customer's contractor must install to a minimum rating of R20.
Rebate: \$0.0402 x sq ft x ΔR with a maximum rebate of four hundred dollars (\$400).
- 11) Equipment: Building Shell Measures - Commercial Energy Audit Improvement - purchase and installation of cost effective natural gas energy saving equipment and building shell measures as recommended from a customer's energy audit performed by a Qualified Auditor which are not included in other commercial natural gas measures listed in this Program. Audits must be performed by qualified professionals (Registered Professional Engineer, Registered Architect, Certified Energy Manager, or equivalent training, experience, and continuing education). Audit procedures and reports must reach the level of effort of a Level II - Energy Survey and Analysis as described in the most recent edition of "Procedures for Commercial Building Energy Audits" published by the American Society of Heating, Refrigerating, and Air Conditioning Engineers.

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General Service Measures (cont'd)

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Rated: Measures considered efficiency improvements include:

1. Ceiling Insulation
 - a. Baseline must be R13 or less. Customer must install to a minimum of at least R18 and a maximum of R49.
2. Wall Insulation
 - a. Baseline must be R11 or less. Customer must install to a minimum of at least R20 and a maximum of R49.
3. Air Sealing Measures - Reduction in ACH must be at least 0.5 ACH through measures that may include:
 - a. Window weather stripping
 - b. Door weather stripping
 - c. Switch and outlet insulation
 - d. Caulking
 - e. Foam etc.
4. Hot Water Measure Kit - which may include:
 - a. Faucet aerators
 - b. Low flow shower heads
 - c. Hot water pipe wrap

Rebate: A rebate is offered for each category listed above:

1. Ceiling Insulation - \$0.0268 x sq ft x ΔR with a maximum rebate of five hundred dollars (\$500).
2. Wall Insulation - \$0.0402 x sq ft x ΔR with a maximum rebate of eight hundred dollars (\$800).
3. Air Sealing Measures - three hundred and ninety five dollars (\$395) per 0.5 ACH reduction with a maximum rebate of eight hundred dollars (\$800).
4. Hot Water Measure Kit - One (1) free kit per business.

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General Service Measures (cont'd)

- 12) Equipment: Pre-Rinse Spray Valve Program - installation of either a self installed or direct installed pre-rinse spray valve.
Rated: 0.64 GPM.
Rebate: Up to two (2) free pre-rinse spray valves that are either direct installed or mailed to the customer at the discretion of the Company.
- 13) Equipment: Natural Gas Large Vat Fryer - purchase and installation of one (1) natural gas large vat fryer.
Rated: 50% = Heavy Load Cooking Energy Efficiency.
Rebate: Nine hundred dollars (\$900).

PROGRAM FUNDS

Funding for these measures is set forth in the Stipulation and Agreement in Case No. GR-2010-0363.

PROGRAM TERM

The Program will conclude on December 31, 2014. All installations of measures must occur no later than December 31, 2014 to qualify for a rebate. All rebate forms for this Program must be submitted and post-marked not later than January 31, 2015.

This tariff will provide for uninterrupted availability of these energy efficiency programs through December 31, 2014. The Company may file with the Commission proposed revised tariff sheets concerning the Energy Efficiency program if Company believes circumstances warrant changes.

*Indicates Change.