

**BEFORE THE PUBLIC SERVICE COMMISSION
OF THE STATE OF MISSOURI**

In the Matter of Union Electric Company)	
d/b/a AmerenUE for Authority to File Tariffs)	
Increasing Rates for Natural Gas Service)	Case No. GR-2010-0363
Provided to Customers in the Company's)	
Missouri Service Area.)	

UNANIMOUS STIPULATION AND AGREEMENT

COME NOW Union Electric Company d/b/a Ameren Missouri (Ameren Missouri or Company), the Staff of the Missouri Public Service Commission (Staff), the Office of the Public Counsel (Public Counsel) and the Missouri Department of Natural Resources (MDNR), and respectfully state to the Missouri Public Service Commission (Commission) that, as a result of negotiations, the undersigned parties (Parties) have reached the stipulations and agreements (Stipulation) contained herein. The Parties recommend Commission approval of this Stipulation.

1. **Issues Settled.** The Parties intend for this Stipulation to settle all issues previously identified by the Parties through testimony and or schedules in Case No. GR-2010-0363.

2. **Revenue Requirement.** The Company shall file rate schedules authorizing a Missouri retail base rate increase of \$9.0 million, exclusive of license, occupation, franchise, gross receipts or other similar fees and or taxes. This increase shall result in a total revenue requirement of approximately \$73.2 million. This amount includes \$700,000 of annual funding for natural gas energy efficiency programs, including those involving weatherization for low income customers.

3. **Effective Date of Rates.** New rates will become effective on February 1, 2011, or as soon as reasonably practicable thereafter. The Parties agree to support any request for expedited treatment of applicable tariffs, if necessary to accomplish this objective.

4. **Rate Design.** Rates shall be designed using the following parameters:
- A. The General Service (GS) class shall not be split into two customer classes.
 - B. The revenue increase shall be applied on an equal percentage basis to all classes.
 - C. The billing determinants found in **Appendix A** shall be used.
 - D. For all non-residential classes, all base rate elements shall be increased on an equal percentage basis, with nominal adjustments to certain rate values to maintain existing rate design relationships.
 - E. The Company shall structure residential rates using a residential rate structure model that consists of a Customer Charge and two Delivery Charge blocks, without seasonality. The Customer Charge shall be \$15.00 per month. The first Delivery Charge block shall be set at 0-30 Ccf with the second, or trailing block, for all usage over 30 Ccf.
 - (1) The 0 -30 Ccf Delivery Charge will recover the Company's total annual Residential Class Margin Revenue Requirement, as agreed to for the purposes of this proceeding, less the amount recovered through the \$15 per month customer charge.
 - (2) The sum of the ¢/Ccf value of the Delivery Charge and the PGA "0 - 30 Ccf" blocks will equate to the Company's "Total ¢/Ccf" rate determined as follows: ((Total Residential Class Revenue Requirement (i.e., Margin and PGA) Less Customer Charge)) divided by Total Ccf) and the rate for the > 30 Ccf PGA block will equal the Total ¢/Ccf rate.
 - (3) For illustrative purposes only, an example is attached hereto as **Appendix B**.
 - F. The Company shall reduce its Seasonal Use provision for residential customers from 12 months to 6 months.

G. Staff does not join as to the issues listed in sections 4.E and 4.F of this Stipulation (the rate design issues) but will not oppose tariff revisions consistent with the terms contained therein and does not request a hearing as to these issues.

5. Purchased Gas Adjustment (PGA) Rates.

A. The PGA transition mechanism shall be discontinued. The Company shall track by month and report annually to both Public Counsel and the Manager of the Commission's Energy Department as part of its Actual Cost Accounting Filing the impact of discontinuing the transition mechanism for customers served on each pipeline.

B. The Rolla incremental PGA shall continue to be charged.

C. Consistent with section 4. E above, the residential PGA shall be blocked with a first block at 0-30 Ccf and another block for all over 30 Ccf .

6. Energy Efficiency Programs.

A. \$263,000 of the \$700,000 referenced above shall be forwarded to the Environmental Improvement and Energy Resources Authority (EIERA) for administration by MDNR for the weatherization of homes of Ameren Missouri low-income natural gas heating customers. Payment in full shall be made annually to EIERA no later than August 5.

B. Ameren Missouri agrees to a target level of annual funding to be achieved within the next three years ramping up by year three to an amount equal to 0.5% of gross operating revenues for gas service, including gas cost, or approximately \$850,000, for expenditures prudently incurred on cost-effective programs.

C. The Company shall perform a post-implementation evaluation of the effectiveness of its non low income weatherization energy efficiency programs. Non low income weatherization energy efficiency program funds may be used for the reasonable costs

associated with program evaluation and for external administrative costs in addition to the programs' direct costs. Post-implementation evaluations of all programs or measures shall include usage data for program participants through the end of the month of April, 2012, and be completed by December 31, 2012. Post-implementation evaluations will generally be performed by an outside firm and include both a process evaluation and an impact evaluation. Proposed post-implementation evaluations shall be discussed with the Energy Efficiency Advisory Group (discussed below) prior to issuing RFPs for evaluations and again prior to the final selection of an outside firm to perform a post-implementation evaluation.

D. The Energy Efficiency Collaborative will function as an advisory group and shall hereafter be referred to as the Energy Efficiency Advisory Group (EEAG). Ameren Missouri shall be responsible for all final decisions regarding its natural gas energy efficiency programs. Participation in the group shall not affect a party's right to question the prudence of the planning and or implementation of energy efficiency programs in future cases.

E. An EFIS docket shall be opened as a repository for Ameren Missouri to file, at least quarterly, updates on the status of its natural gas energy efficiency programs. These reports shall set forth, by program, by tariff class, and by measure for significant measures such as furnace rebates, estimated Ccfs saved and the amount spent and amount committed during the current quarter and during the current program year. At least quarterly, MDNR will also file Ameren Missouri Gas Low Income Weatherization Progress Reports in the repository docket.

F. Expenditures of more than \$700,000 incurred in a calendar year and related to the Energy Efficiency programs shall be placed in a regulatory asset account. If the

Company does not spend the entire \$700,000 in a year on the Energy Efficiency programs, the remaining amount shall be placed in the asset account as a regulatory liability. In any event, all deferrals shall be for expenses prudently incurred. These prudent expenditures for cost-effective programs included in the regulatory asset will earn carrying costs at a rate equal to that of Ameren Missouri's AFUDC rate and be amortized to the cost of service over a six year period beginning with the effective date of rates in the next general natural gas rate proceeding. The Parties further agree that the unamortized balance in the account for prudently-incurred cost-effective program expenditures will be included in rate base. The Parties acknowledge that this provision supersedes paragraph 19 of the 2007 agreement filed in Case No. GR-2007-0003.

G. The Company agrees to file no later than January 31, 2011, the tariff sheets attached hereto as **Appendix C**. These tariff sheets shall include a proposed effective date of March 1, 2011 and may be accompanied by a request for expedited treatment, requesting an effective date of February 1, 2011. Such tariffs shall provide for uninterrupted availability of these energy efficiency programs through December 31, 2012. The Parties agree that Ameren Missouri may file with the Commission proposed revised tariff sheets concerning the Energy Efficiency programs, if Ameren Missouri believes circumstances warrant changes. Prior to filing any such proposed revised tariff sheets with the Commission, Ameren Missouri shall circulate those sheets for review and comment by the EEAG.

H. In the next general rate proceeding, any Energy Efficiency expense may be reviewed and or challenged on the basis of prudence.

I. Ameren Missouri has filed tariffs consistent with the terms of the 2010 Energy Efficiency programs, designed to ensure program continuity between January 1, 2011 and

February 28, 2011. Ameren Missouri has requested expedited treatment for the tariffs to be effective as soon as possible after January 1, 2011.

7. **Commission Case No. GT-2011-0130.** The Parties agree this Stipulation renders moot the dispute in Commission Case No. GT-2011-0130 regarding Ameren Missouri's current natural gas energy efficiency rebate program and agree that Case No. GT-2011-0130 may be closed. Within ten days of Commission approval of this Stipulation, Public Counsel shall file a pleading withdrawing Case No. GT-2011-0130.

8. **Pensions and OPEBs.** The Pension and OPEB tracker established in Case No. GR-2007-0003 shall be continued. The terms of the tracker shall mirror those approved for the Pension and OPEB tracker for the electric operations of the Company. The Company shall treat the Non-Qualified Pension plans on a going-forward basis consistent with the future resolution of this issue in Case No. ER-2011-0028 and shall adjust the tracker accordingly.

9. **Infrastructure System Replacement Surcharge (ISRS).** The return on equity (ROE) to be applied to ISRS qualifying plant in the future shall be 10% and shall be used in conjunction with Staff's true-up capital structure from this case (See **Appendix D**). As part of this rate case, the Parties agree that the Company's ISRS balance has been reset to \$0.00. The starting date for qualifying plant that may be included in the next ISRS surcharge filing shall be January 1, 2011. In other words, the Company shall not seek to recover, at any time in a future ISRS, any ISRS-qualifying plant placed in service between September 30, 2010 (the true-up cut-off date in this case) and December 31, 2010. The parties further agree that this ISRS-specific ROE percentage does not reflect any agreement as to the ROE that was used to determine the revenue requirement in this case and is agreed to herein specifically for ISRS purposes only.

10. **Depreciation Rates.** Ameren Missouri shall begin booking depreciation expense at the depreciation rates attached hereto as **Appendix E**, effective upon the date that new

customer rates are implemented as a result of this Stipulation. These rates shall continue until a Commission order changing these rates.

11. **Gas Supply Incentive Plan (GSIP).** The Company shall not implement a GSIP as a result of this case.

12. **Future Rate Cases.** Ameren Missouri shall not file a natural gas general rate increase case prior to December 31, 2012, unless it does so in conjunction with an electric general rate increase case.

13. **Tariff Change.** Ameren Missouri's tariff applicable to non-residential customers shall be amended as part of the filing of compliance tariff sheets to provide that the delinquency date for payment from non-residential customers shall be 21 days after the date the bill is mailed,, as is currently provided for with respect to residential customers.

14. **Competent and Substantial Evidence.** The Parties agree to the admission of all prefiled testimony, exhibits, Stipulations, Agreements, and any attachments thereto as competent and substantial evidence supporting Commission approval of this Stipulation.

GENERAL PROVISIONS

15. This Stipulation is being entered into for the purpose of disposing of the issues that are specifically addressed in this Stipulation. In presenting this Stipulation, none of the Parties shall be deemed to have approved, accepted, agreed, consented or acquiesced to any ratemaking principle or procedural principle, including, without limitation, any method of cost or revenue determination or cost allocation or revenue related methodology, and none of the Parties shall be prejudiced or bound in any manner by the terms of this Stipulation (whether it is approved or not) in this or any other proceeding, other than a proceeding limited to enforce the terms of this Stipulation, except as otherwise expressly specified herein.

16. This Stipulation has resulted from extensive negotiations and the terms hereof are interdependent. If the Commission does not approve this Stipulation without modification, then the Stipulation shall be void and no signatory shall be bound by any of the agreements or provisions contained herein.

17. If the Commission does not unconditionally approve this Stipulation without modification, and notwithstanding its provision that it shall become void, neither this Stipulation, nor any matters associated with its consideration by the Commission, shall be considered or argued to be a waiver of the rights that any signatory has for a decision in accordance with Section 536.080, RSMo 2000 or Article V, Section 18 of the Missouri Constitution, and the Parties shall retain all procedural and due process rights as fully as though this Stipulation had not been presented for approval, and any suggestions or memoranda, testimony or exhibits that have been offered or received in support of this Stipulation shall become privileged as reflecting the substantive content of settlement discussions and shall be stricken from and not be considered as part of the administrative or evidentiary record before the Commission for any further purpose whatsoever.

18. If the Commission unconditionally accepts the specific terms of this Stipulation without modification, the Parties waive, with respect to the issues resolved herein: their respective rights (1) to call, examine and cross-examine witnesses pursuant to Section 536.070(2), RSMo 2000; (2) their respective rights to present oral argument and/or written briefs pursuant to Section 536.080.1, RSMo 2000; (3) their respective rights to seek rehearing pursuant to Section 386.500, RSMo 2000 and (4) their respective rights to judicial review pursuant to Section 386.510, RSMo 2000. These waivers apply only to a Commission order respecting this Stipulation issued in this above-captioned proceeding, and do not apply to any matters raised in any prior or subsequent Commission proceeding, or any matters not explicitly addressed by this

Stipulation. This Stipulation contains the entire agreement of the Parties concerning the issues addressed herein.

19. This Stipulation does not constitute a contract with the Commission. Acceptance of this Stipulation by the Commission shall not be deemed as constituting an agreement on the part of the Commission to forego the use of any discovery, investigative or other power which the Commission presently has. Thus, nothing in this Stipulation is intended to impinge or restrict in any manner the exercise by the Commission of any statutory right, including the right to access information, or any statutory obligation.


20. If the Commission has questions for the Parties' witnesses or Parties, the Parties will make available, at any on-the-record session, their witnesses and attorneys on the issues resolved by this Stipulation, so long as all Parties have had adequate notice of that session. The Parties agree to cooperate in presenting this Stipulation to the Commission for approval, and will take no action, direct or indirect, in opposition to the request for approval of this Stipulation.

WHEREFORE, for the foregoing reasons, the undersigned Parties respectfully request that the Commission issue its Order approving all of the specific terms and conditions of this Unanimous Stipulation and Agreement.

Respectfully submitted,

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**ATTORNEYS FOR THE STAFF OF
MISSOURI PUBLIC SERVICE**

CERTIFICATE OF SERVICE

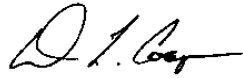
I do hereby certify that a true and correct copy of the foregoing document has been sent by electronic mail this 4th day of January, 2011, to:

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Residential

Customers		1,365,014
Volumes	0-30 Ccf	30,317,159
	Over 30 Ccf	<u>44,322,156</u>
		74,639,315

General Service

Customers		153,954
Volumes	0-7,000 Ccf	36,706,430
	Over 7,000 Ccf	<u>2,800,751</u>
		39,507,182

Interruptible

Customers		219
Volumes	0-7,000 Ccf	1,038,349
	Over 7,000 Ccf	<u>3,904,668</u>
		4,943,017
Assurance	First 250 Ccf per day	91,250

Standard Transportation

Customers		3,792
Volumes	0-7,000 Ccf	8,584,380
	Over 7,000 Ccf	<u>9,547,845</u>
		18,132,225
School Entities (volumes)		
	0-7,000 Ccf	2,632,403
	Over 7,000 Ccf	324,241
Meter Equip		744
Admin		1,404

Large Volume Transportation

Customers		204
Volumes	0-7,000 Ccf	1,468,222
	Over 7,000 Ccf	<u>20,195,234</u>
		21,663,456
Meter Equip		24
Admin		204

*****DRAFT*****

(FOR ILLUSTRATIVE PURPOSES)

AMEREN MISSOURI
GR-2010-0363
RESIDENTIAL RATE DESIGN -- LACLEDE METHOD

RESIDENTIAL RATE DEVELOPMENT (Laclede Method) ⁽¹⁾

Revenue Requirement	\$ 44,582,226	Across-The-Board Percentage Increase							
PGA Rate	\$ 0.73								
PGA Revenue	\$ 54,486,700								
Total Revenue Requirement	\$ 99,068,926								
Customer Charge	\$ 15.00								
Block 1	30 Ccf								
Block 1 Percent	41%	Per Bill Frequency Schedule							
Block 2 Percent	59%	Per Bill Frequency Schedule							
Customer Revenue	\$ 20,475,210								
Non-Fuel Revenue in Volumetric Rate	\$ 24,107,016								
	\$ 0.32								
	113,751								
Annual Bills	1,365,014	\$ 20,475,210				\$ 20,475,210			
Annual Ccf	74,639,315	Margin Rate	PGA Rate	Total Rate					
Block 1 Ccf	30,317,159	0.7952	\$ 0.2578	\$ 1.0530	31,923,366	\$ 7,816,350	\$	24,107,016	
Block 2 Ccf	44,322,156	-	\$ 1.0530	\$ 1.0530	46,670,350	\$ 46,670,350	\$	-	
					99,068,926	\$ 54,486,700	\$	24,107,016	
					CHECK	-	\$	-	\$ -

(1) Based on billing units agreed to between Staff and Company and increase of \$9.0M

UNION ELECTRIC COMPANY GAS SERVICE

Applying to MISSOURI SERVICE AREA

MISSOURI ENERGY EFFICIENT NATURAL GAS EQUIPMENT AND BUILDING SHELL MEASURE REBATE PROGRAM

APPLICATION

The Missouri Energy Efficient Natural Gas Equipment and Building Shell Measure Rebate Program (Program) is designed to encourage more effective utilization of natural gas by encouraging energy efficiency improvements through the replacement of less efficient natural gas equipment with high efficient ENERGY STAR® Qualified natural gas equipment and other high efficiency equipment and building shell measures.

* Rebates are being offered on a limited basis for a portion of the cost of ENERGY STAR® Qualified or programmable thermostats, residential ENERGY STAR Qualified natural gas furnaces, residential high efficiency measures, commercial ENERGY STAR Qualified natural gas utilization equipment, as well as other high efficiency equipment and building shell measures purchased by Participants. Company's participation in such financial incentives is in accordance with the Stipulation and Agreement approved by the Missouri Public Service Commission (Commission) in Case No. GR-2010-0363.

DEFINITIONS

Administrator - Company will administer the Program.

AFUE - Annual Fuel Utilization Efficiency: Energy efficiency rating measure determined, under specific testing conditions, by dividing the energy output by the energy input. It is a measure of the heat actually delivered by a furnace to the structure compared to the heat potential in amount of fuel supplied to the furnace. For example, a furnace that has a 92% AFUE rating converts 92% of the fuel supplied as heat to the structure - the other 8% is lost as exhaust. This information is available on every furnace sold in the United States.

ENERGY STAR® - A voluntary labeling program designed to identify and promote energy efficient products to reduce energy expenses and greenhouse gas emissions. ENERGY STAR® is a joint program of the U.S. Environmental Protection Agency and the U.S. Department of Energy.

Participant - A customer who is being served under either the Company's Residential or General Service natural gas rate class, is located in Missouri, and elects to purchase energy efficient gas saving equipment as described in the Measures. For purposes of receiving rebates under this Program, a Participant is defined as a person, firm, organization, association, corporation, or other entity that implements Measure(s), submits Rebate Form and documentation.

Retailer - Any retailer which has agreed to sell ENERGY STAR® Qualifying or other high efficient natural gas equipment, or provider of energy efficiency services, associated with the Measures.

Issued Pursuant to the Order of the Mo.P.S.C. in Case No. GR-2010-0363.

DATE OF ISSUE _____, 2011

DATE EFFECTIVE _____, 2011

ISSUED BY Warner L. Baxter President & CEO St. Louis, Missouri
Name of Officer Title Address

UNION ELECTRIC COMPANY GAS SERVICE

Applying to MISSOURI SERVICE AREA

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

DEFINITIONS (cont'd)

Qualified Auditor - A nationally recognized contractor trained in natural gas equipment utilization systems and commercial and/or residential structures as an integrated whole building system. Residential training, certification, and accreditation are provided by the Building Performance Institute (BPI) and Residential Energy Services Network's (RESNET®). Commercial training and certification are provided by nationally-respected energy auditor certification organizations. Approved Energy Auditors are found in the Company's Value Added Partner Network.

- * EEAG - Energy Efficiency Advisory Group: Includes representatives from the Company, the Commission Staff, Office of the Public Counsel, and the Department of Natural Resources - Division of Energy. The EEAG will function as an advisory group for these programs.

AVAILABILITY

The Program is voluntary and a Participant may only receive one rebate per listed measure per calendar year. Rebates must be redeemed through the Administrator. Participating Retailers can be determined by visiting Company's Website (www.ameren.com) or by calling 314-342-1111 or 1-800-552-7583.

Residential rebates apply only to Residential customers purchasing ENERGY STAR® Qualified or programmable thermostats, ENERGY STAR Qualified residential natural gas utilization equipment, and other high energy efficient natural gas equipment and building shell measures as listed in Residential Measures.

General Service rebates apply only to General Service customers purchasing ENERGY STAR® Qualified or programmable thermostats, ENERGY STAR Qualified natural gas utilization equipment, high efficiency rated natural gas utilization equipment and other high efficiency equipment and building shell measures as listed in General Service Measures.

REBATES

Each Participant will receive a rebate check from the Administrator within eight (8) to ten (10) weeks after the completed Rebate Form is submitted with proper documentation. Rebate Forms, applications and protocols are available on the Company's Website (www.ameren.com) or by calling 314-342-1111 or 1-800-552-7583.

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DATE OF ISSUE , 2011 DATE EFFECTIVE , 2011

ISSUED BY Warner L. Baxter President & CEO St. Louis, Missouri
Name of Officer Title Address

UNION ELECTRIC COMPANY GAS SERVICE

Applying to MISSOURI SERVICE AREA

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

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

Residential Measures

- 1) Equipment: Thermostat - purchase and installation of one (1) unit.
Rated: ENERGY STAR® Qualified or Programmable.
Rebate: Twenty five dollars (\$25) or 50% of the equipment cost, whichever is lower.
- *2) Equipment: Natural Gas Furnace - purchase and installation of one (1) unit.
Rated: ENERGY STAR® Qualified high efficiency AFUE rated 92% to 95.9%.
Rebate: One hundred and fifty dollars (\$150) or 50% of the equipment cost, whichever is lower.
- *3) Equipment: Natural Gas Furnace - purchase and installation of one (1) unit.
Rated: ENERGY STAR® Qualified high efficiency AFUE rated 96% or higher.
Rebate: Two hundred dollars (\$200) or 50% of the equipment cost, whichever is lower.
- *4) Equipment: Natural Gas Boiler - purchase and installation of one (1) unit.
Rated: ENERGY STAR® Qualified high efficiency AFUE rated 90% or higher.
Rebate: One hundred and fifty dollars (\$150) or 50% of the equipment cost, whichever is lower.
- *5) Equipment: Natural Gas Tank Storage Water Heater (Tier I) - purchase and installation of one (1) unit.
Rated: High efficiency with an EF rating greater than or equal to 0.62 and less than 0.67.
Rebate: Fifty dollars (\$50) or 50% of the equipment cost, whichever is lower.
- *6) Equipment: Natural Gas Tank Storage Water Heater (Tier II) - purchase and installation of one (1) unit.
Rated: ENERGY STAR® Qualified high efficiency with EF rating of at least 0.67 and higher.
Rebate: One-hundred and twenty-five dollars (\$125) or 50% of the equipment cost, whichever is lower.

*Indicates Change.

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UNION ELECTRIC COMPANY GAS SERVICE

Applying to MISSOURI SERVICE AREA

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

Residential Measures (cont'd)

- *7) Equipment: Natural Gas Tank Storage or Tankless Water Heater - purchase and installation of one (1) unit.
Rated: ENERGY STAR® Qualified high efficiency with an EF rating of 0.82 or higher.
Rebate: Two hundred dollars (\$200) or 50% of the equipment cost, whichever is lower.
- *8) 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 customer paid energy audit from 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 or wall insulation
2. Energy Star windows and doors
3. Window weather stripping
4. Door weather stripping
5. Water heater wrap
6. Hot water pipe wrap
7. Switch and outlet insulation
8. Caulking
9. Faucet aerators
10. Low flow shower heads
Rebate: Two hundred and fifty dollars (\$250) or 50% of the equipment and building shell measures cost up to maximum rebate of two hundred and fifty dollars (\$250) whichever is lower.

*Indicates Change.

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ISSUED BY Warner L. Baxter President & CEO St. Louis, Missouri
Name of Officer Title Address

UNION ELECTRIC COMPANY GAS SERVICE

Applying to MISSOURI SERVICE AREA

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

General Service Measures

- 1) Equipment: Thermostat - purchase and installation of up to two (2) units.
Rated: ENERGY STAR® Qualified or Programmable.
Rebate: Forty dollars (\$40) per thermostat, eighty dollars (\$80) total or 50% of the equipment cost, whichever is lower.
- *2) Equipment: Natural Gas Furnace - purchase and installation of one (1) unit less than 150,000 BTU.
Rated: ENERGY STAR® Qualified high efficiency AFUE rated 92% to 95.9%.
Rebate: One hundred and fifty dollars (\$150) or 50% of the equipment cost, whichever is lower.
- *3) Equipment: Natural Gas Furnace - purchase and installation of one (1) unit of less than 150,000 BTU.
Rated: ENERGY STAR® Qualified high efficiency AFUE rated 96% or higher.
Rebate: Two hundred dollars (\$200) or 50% of the equipment cost, whichever is lower.
- 4) Equipment: Natural Gas Furnace - purchase and installation of one (1) unit of 150,000 BTU or greater.
Rated: High Efficiency AFUE rated 90% or higher.
Rebate: Four hundred seventy five dollars (\$475) or 50% of the equipment cost, whichever is lower.
- 5) Equipment: Steam Trap Replacement - purchase and replacement of up to twenty five (25) failing units.
Rated: Steam Trap replacement considered efficiency improvement.
Rebate: One hundred dollars (\$100) per steam trap; two thousand five hundred (\$2,500) total or 50% of the equipment cost, whichever is lower.
- 6) Equipment: Natural Gas Continuous Modulating Burner New Installation or Burner Replacement - purchase and installation of modulating burner only.
Rated: Burner replacement considered efficiency improvement.
Rebate: Seven thousand five hundred dollars (\$7,500) or 25% of the equipment cost, whichever is lower.
- 7) Equipment: Natural Gas Fired Boiler Tune-up - tune-up of a Gas Fired Burner System.
Rated: Tune-up considered efficiency improvement.
Rebate: Five hundred dollars (\$500) per boiler or 50% of the cost, whichever is lower.

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UNION ELECTRIC COMPANY GAS SERVICE

Applying to MISSOURI SERVICE AREA

*Indicates Change.

Issued Pursuant to the Order of the Mo.P.S.C. in Case No. GR-2010-0363.

DATE OF ISSUE , 2011 DATE EFFECTIVE , 2011

ISSUED BY Warner L. Baxter President & CEO St. Louis, Missouri
Name of Officer Title Address

UNION ELECTRIC COMPANY GAS SERVICE

Applying to MISSOURI SERVICE AREA

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

General Service Measures (cont'd)

- 8) Equipment: Primary Air Damper - Purchase and replacement of one (1) damper unit.
Rated: Damper replacement considered efficiency improvement.
Rebate: Five hundred dollars (\$500) or 50% of the equipment cost, whichever is lower.
- 9) Equipment: Natural Gas Food Service Steamer - purchase and installation of one (1) food service steamer.
Rated: ENERGY STAR® Qualified.
Rebate: Four hundred seventy five dollars (\$475) or 50% of the equipment cost, whichever is lower.
- 10) Equipment: Natural Gas Food Service Fryer - purchase and installation of one (1) food service fryer.
Rated: ENERGY STAR® Qualified.
Rebate: Three hundred fifty dollars (\$350) or 50% of the equipment cost, whichever is lower.
- 11) Equipment: Natural Gas Food Service Griddle - purchase and installation of one (1) food service griddle.
Rated: ENERGY STAR® Qualified.
Rebate: Four hundred dollars (\$400) or 50% of the equipment cost, whichever is lower.
- 12) Equipment: Natural Gas Food Service Oven - purchase and installation of one (1) food service oven.
Rated: ENERGY STAR® Qualified.
Rebate: Two hundred dollars (\$200) or 50% of the equipment cost, whichever is lower.
- *13) 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 or 50% of the equipment cost, whichever is lower.
- *14) Equipment: Natural Gas Tank Storage Water Heater (Tier II) - purchase and installation of up to two (2) units.
Rated: ENERGY STAR® Qualified high efficiency with EF rating of at least 0.67 and higher.
Rebate: One-hundred and twenty-five dollars (\$125) per unit, two hundred and fifty dollars (\$250) total or 50% of the equipment cost, whichever is lower.

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

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General Service Measures (cont'd)

- *15) Equipment: Natural Gas Tank Storage or Tankless Water Heater - purchase and installation of up to two (2) units.
Rated: ENERGY STAR® Qualified high efficiency with an EF rating of 0.82 or higher.
Rebate: Two hundred dollars (\$200) per unit, four hundred dollars (\$400) total or 50% of the equipment cost, whichever is lower.
- **16) Equipment: Natural Gas Boiler Replacement
Rated: Replace an existing boiler with a high efficient model.
Rebate: <300,000 Btuh and AFUE ≥ 85%: \$1.50/MBtuh input or \$500, whichever is lower. >300,000 Btuh and TE ≥ 90%: \$3/MBtuh input or \$2,000, whichever is lower.
- **17) 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 paid energy audit by a Qualified Auditor, which are not included in other commercial measures listed in this Program.
Rated: Measures considered efficiency improvements include:
1. Ceiling or wall insulation
2. Energy Star windows and doors
3. Window weather stripping
4. Door weather stripping
5. Water heater wrap
6. Hot water pipe wrap
7. Switch and outlet insulation
8. Caulking
9. Faucet aerators
10. Low flow shower heads
Rebate: One thousand dollars (\$1,000), or 50% of the equipment and building shell measures cost, whichever is lower
- **18) Equipment: Building Shell Measures - General Service Non-Energy Audit Improvement - purchase and installation of cost effective natural gas energy saving equipment and building shell measures that the customer believes are needed to improve the energy efficiency of their business and are not included in other commercial natural gas measures listed in this Program.

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

General Service Measures (cont'd)

Rated: Measures considered efficiency improvements include:

1. Ceiling or wall insulation
2. Energy Star windows and doors
3. Window weather stripping
4. Door weather stripping
5. Water heater wrap
6. Hot water pipe wrap
7. Switch and outlet insulation
8. Caulking
9. Faucet aerators
10. Low flow shower heads

Rebate: Twenty five percent (25%) of the cost for equipment and building shell measures. A rebate will only be issued when the calculated rebate results in a minimum rebate of at least one hundred (\$100) and the total rebate issued cannot exceed a maximum rebate of one thousand dollars (\$1,000).

***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 December 31, 2012.

This tariff will provide for uninterrupted availability of these energy efficiency programs through December 31, 2012. The Company may file with the Commission proposed revised tariff sheets concerning the Energy Efficiency program if Company believes circumstances warrant changes.

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*Sheet No. 87 through Sheet No.89, inclusive,
are reserved for future use in Missouri

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Capital Structure as of September 30, 2010 Stipulated for Purposes of Settlement				
Capital Component	Dollar Amount	Percentage of Capital	Embedded Cost	Weighted Cost of Capital Using Stipulated Common Equity Return of 10.0%
Common Stock Equity	\$4,131,192,991	52.92%	-----	5.29%
Preferred Stock	\$81,827,509	1.05%	4.18%	0.04%
Short-term debt	\$0	0.00%	0.00%	0.00%
Long-Term Debt	\$3,593,592,575	46.03%	5.91%	2.72%
	\$7,806,613,075	100.00%		8.06%

Appendix E
Ameren Missouri GR-2010-0363
Staff Calculated Annual Depreciation Rates

<u>Account Number</u>	<u>Account Description</u>	<u>Whole Life Depreciation Rate (%)</u>	<u>Average Service Life (Years)</u>	<u>Net Salvage</u>
	Production Plant			
305	Structures and improvements	1.67%	60	0%
311	Liquified petroleum gas equipment	1.75%	57	0%
	Transmission Plant			
366	Structures and improvements	2.05%	49	0%
367	Mains	2.27%	44	0%
369	Measuring and regulating stations	2.22%	45	0%
	Distribution Plant			
375	Structures and improvements	2.04%	49	0%
376	Mains	2.25%	44	1%
378	Measuring and regulating station equip. (general)	2.29%	45	-3%
379	Measuring and regulating station equip. (CGCS)	2.22%	45	0%
380	Services	2.73%	37	-1%
381	Meters	2.70%	36	3%
383	House regulators	2.31%	51	-18%
385	Industrial measuring and regulating equipment	2.28%	29	34%
387	Other distribution equipment	3.36%	N.A.	N.A.
	General Plant			
390	Structures and improvements	2.20%	55	-21%
391	Office furniture and equipment	4.76%	21	0%
391.2	Personal computers	20.00%	5	0%
392	Transportation equipment	7.69%	11	15%
393	Stores equipment	3.70%	27	0%
394	Tools, shop and garage equipment	3.70%	27	0%
395	Laboratory equipment	4.17%	24	0%
396	Power operated equipment	5.06%	18	9%
397	Communication equipment	4.76%	21	0%