



BEFORE THE PUBLIC SERVICE COMMISSION  
OF THE STATE OF MISSOURI

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In the Matter of Union Electric Company,  
d/b/a AmerenUE's Tariffs to Increase Its  
Annual Revenues for Electric Service  
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Case No. ER-2010-0036  
Tariff Nos. YE-2010-0054  
and YE-2010-0055

STATE OF MISSOURI       )  
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COUNTY OF ST. LOUIS   )       SS

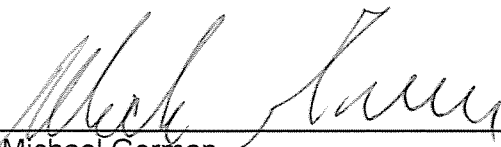
**Affidavit of Michael Gorman**

Michael Gorman, being first duly sworn, on his oath states:

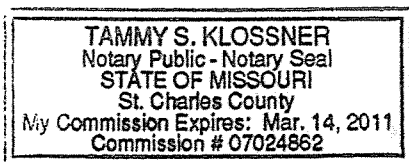
1. My name is Michael Gorman. I am a consultant with Brubaker & Associates, Inc., having its principal place of business at 16690 Swingley Ridge Road, Suite 140, Chesterfield, MO 63017. We have been retained by the Missouri Industrial Energy Consumers in this proceeding on their behalf.


2. Attached hereto and made a part hereof for all purposes is my direct testimony and schedule which were prepared in written form for introduction into evidence in Missouri Public Service Commission Case No. ER-2010-0036.

3. I hereby swear and affirm that the testimony and schedules are true and correct and that they show the matters and things they purport to show.

  
\_\_\_\_\_  
Michael Gorman

Subscribed and sworn to before me this 2<sup>nd</sup> day of November, 2009.



  
\_\_\_\_\_  
Notary Public

**In the Matter of Union Electric Company,  
d/b/a AmerenUE's Tariffs to Increase Its  
Annual Revenues for Electric Service**

1   **Q     WHAT IS THE PURPOSE OF YOUR TESTIMONY IN THIS PROCEEDING?**

2   A     I will respond to AmerenUE's (Company) request for an interim increase of  
3         \$37.3 million to be implemented on January 1, 2010. I will also respond to the  
4         supporting testimony of Warner Baxter, Lee Nickloy and Gary Weiss.

5   **Q     WHAT JUSTIFICATION AND ARGUMENTS DO AMERENUE WITNESSES MAKE**  
6         **IN SUPPORT OF ITS REQUEST FOR AN INTERIM RATE INCREASE?**

7   A     AmerenUE witnesses Mr. Baxter and Mr. Nickloy argue that regulatory lag is  
8         restricting the Company's ability to recover investments, which is creating a  
9         disincentive for the Company to invest in utility plant infrastructure, and is limiting the  
10        improvement of its bond ratings. Mr. Baxter specifically states that the Company is  
11        concerned about the timing of cost recovery of incremental investments in between  
12        rate cases, and states that costs incurred in between rate cases are lost forever.  
13        (Baxter at 17). Mr. Nickloy states that credit analysts are primarily concerned about  
14        the cash flow coverage metrics and regulatory lag can erode the Company's cash  
15        flow coverage in between rate cases. (Nickloy at 2-3).

16   **Regulatory Lag**

17   **Q     IS REGULATORY LAG A COMMONLY UNDERSTOOD ASPECT OF THE**  
18         **REGULATORY RATEMAKING PROCESS?**

19   A     Yes. Regulatory lag works both for and against shareholders/customers, depending  
20         on the cycle the utility is in in its construction program. Mr. Baxter acknowledges this  
21         reality. (Baxter at 12).

22                 Regulatory lag creates a strong economic incentive for management to  
23         aggressively manage costs in between rate cases. Management has an objective of

1 maximizing profits to investors. To meet this objective, management must work  
2 diligently in managing its costs at approved rates in order to maximize the earnings  
3 from providing utility service. Hence, a positive element of regulatory lag is that it  
4 creates a strong management incentive to monitor cost, cost escalation and to be as  
5 efficient as possible.

6 **Q WOULD THE ELIMINATION OF REGULATORY LAG ERODE OR ELIMINATE**  
7 **MANAGEMENT'S INCENTIVE TO MANAGE COSTS?**

8 A Yes. Without regulatory lag, management would have much less incentive to  
9 manage costs. Management would simply frequently adjust rates to pass all costs on  
10 to customers. Management's ability to produce profits that meet investors' return  
11 demand would be significantly less affected by management's ability to contain costs.

12 **Q ARE YOU AWARE OF ANY AUTHORITATIVE SOURCES THAT CONSIDER**  
13 **REGULATORY LAG AS A MECHANISM THAT CREATES MANAGEMENT**  
14 **INCENTIVE TO BE EFFICIENT AND MANAGE COSTS?**

15 A Yes. The National Association of Regulatory Utility Commissioners (NARUC) defines  
16 regulatory lag in part, "an incentive for cost containment."<sup>1</sup>

17 Further, in the publication Principles of Public Utility Rates, Bonbright,  
18 James C., et al., Second Edition, at 198, the author states as follows:

19 Quite aside from the recognized undesirability of too frequent rate  
20 revisions, commissions recognize the regulatory lag as a practical  
21 means of reducing the tendency of a fixed-profit standard to  
22 discourage efficient management.

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<sup>1</sup> [www.naruc.org/programs.cfm?c=international](http://www.naruc.org/programs.cfm?c=international) Glossary of Terms.

1    **Q     CONSISTENT WITH EFFICIENT UTILITY MANAGEMENT, ARE THERE ANY**  
2           **COSTS THAT MAY BE EXCLUDED FROM THIS REGULATORY LAG**  
3           **EFFICIENCY STANDARD IN ORDER TO PROTECT THE FINANCIAL INTEGRITY**  
4           **OF THE UTILITY?**

5    **A**    Yes. Certain costs such as volatile commodity components, costs that are driven by  
6           factors far outside of management control, may be appropriate for regulatory  
7           mechanisms which will eliminate or substantially reduce the timing of rate  
8           adjustments to reflect changes in utility cost structures. However, these particular  
9           cost elements should be treated separately from the utility's overall cost of service  
10          structure to reflect these unique characteristics.

11   **Q     DO YOU BELIEVE THE MISSOURI PUBLIC SERVICE COMMISSION**  
12          **(COMMISSION) HAS ALREADY MADE EFFORTS TO MITIGATE AMERENUE'S**  
13          **EXPOSURE TO REGULATORY LAG FOR COSTS THAT IT IS NOT ABLE TO**  
14          **MANAGE?**

15   **A**    Yes. Costs which are outside of management control are typically the subject of rate  
16          mechanisms which can eliminate or mitigate regulatory lag. One such example is a  
17          fuel adjustment clause. To the extent a company cannot manage its fuel price  
18          variability via contracts, or other mechanisms, regulatory bodies typically approve fuel  
19          adjustment mechanisms which allow for deferral accounts and tracking mechanisms  
20          that allow a utility to fully recover its prudent and reasonable fuel costs over time.

21                A second mechanism in Missouri is the pension and other post-employment  
22                benefits (OPEB) tracking mechanism. In Missouri, the prescribed level of pension  
23                and OPEB expense is included in rates. As the Company actually incurs pension and  
24                OPEB expense, that is more/less than what is recovered in rates, it is included in a

1 regulatory asset/liability account. This mechanism stabilizes rates and it provides the  
2 Company full assurance of pension and OPEB expense and reduces the uncertainty  
3 that this cost will not be fully recovered.

4 **Q DID THE COMPANY CLAIM THAT IT IS CONSISTENTLY UNDER EARNING ITS**  
5 **AUTHORIZED RETURN ON EQUITY?**

6 A Yes. AmerenUE witness Gary Weiss provided a table at page 4 of his testimony, and  
7 based on a comparison of actual earned return to its authorized return, Mr. Weiss  
8 concluded that the Company has consistently under earned its authorized return on  
9 equity by 214 to 270 basis points.

10 **Q DO YOU BELIEVE MR. WEISS'S COMPARISON OF ACTUAL EARNED RETURN**  
11 **ON EQUITY RELATIVE TO THE LAST AUTHORIZED RETURN ON EQUITY**  
12 **SUPPORTS THE COMPANY'S REQUEST FOR AN INTERIM RATE INCREASE?**

13 A No. There are material deficiencies in Mr. Weiss's presentation of the actual earned  
14 return on equity relative to an assessment of whether or not AmerenUE's current  
15 rates are providing full recovery of costs approved to be recovered in the Missouri  
16 jurisdiction. Mr. Weiss's numbers appear to be based on book financial statements,  
17 which include costs that are not allowed to be recovered in rates in Missouri, or reflect  
18 financial reported expenses, rather than regulatory tracking expense levels that are  
19 designed to recover financial expense over time while stabilizing rates.

20 Also, there were nonrecurring events which would have eroded AmerenUE's  
21 earnings during much of this historical time period, that are due to abnormal events  
22 not regulatory lag. This includes ice storm damage which caused a significant  
23 interruption of the AmerenUE system during 2009. This ice storm resulted in

1 AmerenUE incurring significant restoration expenses, and also knocked off line one of  
2 its largest customers, Noranda Aluminum Company.

3 These extraordinary events are normalized in rate proceedings, and should be  
4 normalized in order to determine whether or not AmerenUE's rates are accurately  
5 providing full recovery of utility costs, and producing reasonable utility profits.

6 Further, and most importantly, Mr. Weiss fails to recognize a \$166 million  
7 Missouri rate increase that went into effect March 2009.

8 **Q PLEASE EXPLAIN THE EXPENSE ITEMS THAT RESULT IN THE BOOK EARNED**  
9 **RETURN ON EQUITY NOT BEING AN ACCURATE INDICATOR OF WHETHER**  
10 **OR NOT THE RATES CURRENTLY APPROVED FOR AMERENUE ARE**  
11 **RECOVERING ITS APPROVED COST OF SERVICE.**

12 A In AmerenUE's last rate case, expense items for incentive compensation, advertising,  
13 lobbying and other expenses are not allowed recovery in the ratemaking process.  
14 However, AmerenUE does recognize these expenses in its publically reported  
15 earnings to investors. These items can have a significant impact on the bottom line,  
16 particularly incentive compensation. These earned returns could be understated due  
17 to over \$14 million of costs that have not been included in cost of service (e.g., Taum  
18 Sauk, incentive compensation, etc.).

19 **Q WHY DO YOU SAY THAT MR. WEISS IGNORED A SIGNIFICANT RATE**  
20 **INCREASE FOR AMERENUE THAT TOOK EFFECT IN MARCH 2009?**

21 A Mr. Weiss's earned return on equity assessments go for 12-month periods each  
22 month out through August of 2009. Hence, Mr. Weiss's earned return on equity  
23 assessments only reflect five months of rate increases that were approved at the end



1 of March 2009. This is significant because AmerenUE's revenue collections are more  
2 heavily weighted in the third quarter of the calendar year. Thus, the strongest  
3 earnings quarter related to AmerenUE's last rate increase is not completely reflected  
4 in Mr. Weiss's return. Hence, Mr. Weiss is significantly understating the earnings at  
5 current approved rates for AmerenUE.

6 **Q CAN THE IMPLEMENTATION OF INTERIM RATES RESULT IN CUSTOMERS**  
7 **BEING CHARGED RATES WHICH ARE NOT JUST AND REASONABLE?**

8 A Yes. In order for rates to be shown to be just and reasonable, it is necessary for the  
9 Commission to review a fully developed record on revenues at current rates, and  
10 operating expenses underlying AmerenUE's cost of providing high quality, reliable  
11 utility service. Without the benefit of a full record, and rates being implemented on an  
12 interim basis with only piecemeal evaluation of certain costs, customers will be  
13 harmed by paying rates that are not just and reasonable.

14 **Q IS THERE REASON TO BELIEVE THAT AMERENUE'S PROPOSAL FOR AN**  
15 **INTERIM RATE INCREASE IN THIS PROCEEDING WOULD RESULT IN RATES**  
16 **THAT ARE NOT JUST AND REASONABLE?**

17 A Yes. AmerenUE's interim rate increase is based on only one cost item with no  
18 consideration of all other aspects of its overall cost of service. Based on Mr. Weiss's  
19 testimony, the interim revenue requirement is based on the change in "net utility  
20 plant" between September 2008 and May 2009. This net plant increase, viewed in  
21 isolation, resulted in a \$37.28 million revenue requirement increase.

1 Mr. Weiss is failing to recognize other aspects of AmerenUE's overall cost of  
2 service, and therefore is not properly identifying a revenue deficiency that is adequate  
3 for supporting an interim rate increase.

4 **Q ARE THERE ANY COST DECREASES THAT WILL OFFSET THE PROPOSED**  
5 **INTERIM RATE INCREASE AS DISCUSSED BY THE COMPANY'S WITNESS**  
6 **MR. BAXTER?**

7 A Yes. Based on Mr. Baxter's interim testimony, the increase in net plant supports an  
8 approximately \$37.3 million interim rate increase. However, this claimed cost  
9 increase is largely offset by a decline in AmerenUE's cost of capital since its last rate  
10 case. AmerenUE's capital structure in this case includes a lower common equity ratio  
11 compared to the capital structure approved in its last rate case.

12 As shown on my Schedule MPG-1, based on the final order in ER-2008-0318,  
13 AmerenUE was authorized a common equity ratio of 52.00%<sup>2</sup> and a return on equity  
14 of 10.76%.<sup>3</sup> In this rate case, the Company is requesting a capital structure that  
15 includes a common equity ratio of 47.39%, which is around 5 percentage points lower  
16 than the common equity ratio included in the Commission's last authorized rate of  
17 return.

18 This reduction in common equity ratio lowers AmerenUE's cost of capital. As  
19 shown on my Schedule MPG-1, using AmerenUE's last authorized return on equity of  
20 10.76%, Ameren's proposed capital structure in this case compared to the capital  
21 structure in ER-2010-0036, will lower AmerenUE's cost of service by \$24.8 million, on  
22 the rate base approved in AmerenUE's last rate case.

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<sup>2</sup> ER-2008-0318, Report and Order, January 27, 2009 at 15.

<sup>3</sup> ER-2008-0318, Report and Order, January 27, 2009 at 32.

1                   Hence, this lower cost of capital almost eliminates approximately two-thirds of  
2                   the increased revenue requirement associated with an increase in net plant.

3   **Q     HAVE YOU BEEN INVOLVED IN PROCEEDINGS WHERE A UTILITY HAS**  
4           **JUSTIFIED AN AWARD OF AN INTERIM RATE INCREASE?**

5   A     Yes. It is my understanding that the general practice for awarding a utility an interim  
6           rate increase is generally tied to a demonstration of financial need. That is, a utility  
7           will show that without a rate increase, it will experience severe financial hardship,  
8           which could threaten its ability to provide high quality reliable utility service. This is a  
9           high standard for a utility to meet, but is necessary in order to ensure that rates are  
10          always just and reasonable and provide strong management incentive to be efficient  
11          and manage cost.

12   **Q     IS THERE ANY EVIDENCE THAT AMERENUE'S CURRENT RATES ARE**  
13           **PROVIDING ADEQUATE FINANCIAL COVERAGES OF ITS FIXED OBLIGATIONS**  
14           **IN PROVIDING SERVICE TO CUSTOMERS IN MISSOURI?**

15   A     The Company has not provided such a demonstration but its Federal Energy  
16           Regulatory Commission (FERC) documents show that it is currently earning a pre-tax  
17           interest coverage ratio of approximately three times based on rates that are in effect  
18           in calendar year 2009. Further, the Company still maintains an investment grade  
19           bond rating of "BBB," "Baa1," and "A" from Standard & Poor's, Moody's and Fitch,  
20           respectively. AmerenUE's current bond rating outlook is stable. Hence, this credit  
21           rating is a strong indication that it does have access to capital, and can weather the  
22           normal regulatory lag for costs typically regarded as within management's control until  
23           rates can be adjusted based on a full and complete record of AmerenUE's cost of

**Michael Gorman**  
**Page 9**

1 service. For all these reasons, the Company's request for an interim rate increase  
2 should be rejected.

3 **Q ARE THERE ANY OTHER ARGUMENTS OFFERED BY MR. BAXTER WHICH**  
4 **YOU BELIEVE SUPPORT HIS REQUEST FOR AN INTERIM RATE INCREASE?**

5 A There are other arguments but none of them support the Company's proposal.  
6 Mr. Baxter argues at page 10, that the Company is currently operating in one of the  
7 worst economic periods our country has ever experienced. However, as noted  
8 above, AmerenUE's bond rating and access to capital remain fairly strong. Contrary  
9 to Mr. Baxter's assertion, the need for the Commission to ensure that any rates  
10 charged to customers in this economy are just and reasonable is critically important to  
11 preserve the economic health of many of the companies that AmerenUE serves. As  
12 such, this distressed economic environment should give the Commission great pause  
13 before approving a rate increase of any sort.

14 Mr. Baxter also opines that AmerenUE's rates are 40% below national  
15 averages and 20% below other utilities in Missouri. Importantly, a major contributing  
16 factor to the competitive position of AmerenUE's rates has been effective regulation  
17 of AmerenUE. Importantly, AmerenUE has sought rate relief in the past which the  
18 Commission has found to be unreasonably high, and has modified the Company's  
19 rate increase proposals down to a reasonable level. The Commission should  
20 continue to exercise sound regulatory oversight of AmerenUE to ensure its rates  
21 remain competitive.

22 As such, Mr. Baxter has not offered any arguments that would support an  
23 increase in AmerenUE's rates without a full record that establishes that a rate  
24 increase would result in just and reasonable rates.

1    **Q     CAN YOU SUMMARIZE YOUR RESPONSE TO THE COMPANY’S REQUEST FOR**  
2    **AN INTERIM RATE INCREASE IN THIS PROCEEDING?**

3    A     Yes. First, the Company’s request for the Commission to eliminate regulatory lag by  
4           implementing rate increases without a complete review of costs and revenues is  
5           unreasonable and should be rejected. The Commission has already implemented  
6           many regulatory mechanisms which mitigate regulatory lag for costs which are  
7           outside of AmerenUE’s management’s control. For costs which are within its  
8           management’s control, regulatory lag acts as a strong incentive for AmerenUE to  
9           control costs.

10                 Second, the Company has not accurately assessed whether or not current  
11            rates are producing the level of earnings approved by the Commission. In his  
12            demonstration, Mr. Weiss did not properly adjust the earned return on equity for costs  
13            which are not permitted to be recovered from Missouri retail customers’ rates  
14            (incentive compensation, advertising, lobbying expenses), he did not adjust for costs  
15            which are tracked in Missouri ratemaking which can result in ratemaking expenses  
16            being more or less than actual reported expenses (e.g., pension and OPEB  
17            expense), he failed to reflect cost normalization for abnormal events (ice storm) and  
18            he failed to reflect a significant revenue increase which went into effect in March  
19            2009. Mr. Weiss’s return on equity demonstration is completely inadequate to  
20            determine whether or not current rates in Missouri are appropriate, and just and  
21            reasonable.

22                 Finally, the Company’s request to eliminate all aspects of regulatory lag will  
23            severely limit the Commission’s ability to set rates which are just and reasonable. In  
24            order to set rates that are just and reasonable, the Commission needs a fully

1 developed record on all revenues, expenses and invested capital cost to determine  
2 what level of rates are appropriate to be charged to Missouri retail customers.

3 **Q DOES THIS CONCLUDE YOUR DIRECT TESTIMONY?**

4 **A** Yes, it does.

**Appendix A**  
**Qualifications of Michael Gorman**

1    **Q     PLEASE STATE YOUR NAME AND BUSINESS ADDRESS.**

2    A     Michael P. Gorman. My business address is 16690 Swingley Ridge Road, Suite 140,  
3           Chesterfield, MO 63017.

4    **Q     PLEASE STATE YOUR OCCUPATION.**

5    A     I am a consultant in the field of public utility regulation and a Managing Principal with  
6           Brubaker & Associates, Inc., energy, economic and regulatory consultants.

7    **Q     PLEASE SUMMARIZE YOUR EDUCATIONAL BACKGROUND AND WORK**  
8           **EXPERIENCE.**

9    A     In 1983 I received a Bachelors of Science Degree in Electrical Engineering from  
10          Southern Illinois University, and in 1986, I received a Masters Degree in Business  
11          Administration with a concentration in Finance from the University of Illinois at  
12          Springfield. I have also completed several graduate level economics courses.

13                In August of 1983, I accepted an analyst position with the Illinois Commerce  
14          Commission (ICC). In this position, I performed a variety of analyses for both formal  
15          and informal investigations before the ICC, including: marginal cost of energy, central  
16          dispatch, avoided cost of energy, annual system production costs, and working  
17          capital. In October of 1986, I was promoted to the position of Senior Analyst. In this  
18          position, I assumed the additional responsibilities of technical leader on projects, and  
19          my areas of responsibility were expanded to include utility financial modeling and  
20          financial analyses.

1           In 1987, I was promoted to Director of the Financial Analysis Department. In  
2           this position, I was responsible for all financial analyses conducted by the staff.  
3           Among other things, I conducted analyses and sponsored testimony before the ICC  
4           on rate of return, financial integrity, financial modeling and related issues. I also  
5           supervised the development of all Staff analyses and testimony on these same  
6           issues. In addition, I supervised the Staff's review and recommendations to the  
7           Commission concerning utility plans to issue debt and equity securities.

8           In August of 1989, I accepted a position with Merrill-Lynch as a financial  
9           consultant. After receiving all required securities licenses, I worked with individual  
10          investors and small businesses in evaluating and selecting investments suitable to  
11          their requirements.

12          In September of 1990, I accepted a position with Drazen-Brubaker &  
13          Associates, Inc. In April 1995 the firm of Brubaker & Associates, Inc. (BAI) was  
14          formed. It includes most of the former DBA principals and Staff. Since 1990, I have  
15          performed various analyses and sponsored testimony on cost of capital, cost/benefits  
16          of utility mergers and acquisitions, utility reorganizations, level of operating expenses  
17          and rate base, cost of service studies, and analyses relating industrial jobs and  
18          economic development. I also participated in a study used to revise the financial  
19          policy for the municipal utility in Kansas City, Kansas.

20          At BAI, I also have extensive experience working with large energy users to  
21          distribute and critically evaluate responses to requests for proposals (RFPs) for  
22          electric, steam, and gas energy supply from competitive energy suppliers. These  
23          analyses include the evaluation of gas supply and delivery charges, cogeneration  
24          and/or combined cycle unit feasibility studies, and the evaluation of third-party  
25          asset/supply management agreements. I have also analyzed commodity pricing



1 indices and forward pricing methods for third party supply agreements, and have also  
2 conducted regional electric market price forecasts.

3 In addition to our main office in St. Louis, the firm also has branch offices in  
4 Phoenix, Arizona and Corpus Christi, Texas.

5 **Q HAVE YOU EVER TESTIFIED BEFORE A REGULATORY BODY?**

6 A Yes. I have sponsored testimony on cost of capital, revenue requirements, cost of  
7 service and other issues before the Federal Energy Regulatory Commission and  
8 numerous state regulatory commissions including: Arkansas, Arizona, California,  
9 Colorado, Delaware, Florida, Georgia, Idaho, Illinois, Indiana, Iowa, Kansas,  
10 Louisiana, Michigan, Missouri, Montana, New Jersey, New Mexico, New York, North  
11 Carolina, Oklahoma, Oregon, South Carolina, Tennessee, Texas, Utah, Vermont,  
12 Virginia, Washington, West Virginia, Wisconsin, Wyoming, and before the provincial  
13 regulatory boards in Alberta and Nova Scotia, Canada. I have also sponsored  
14 testimony before the Board of Public Utilities in Kansas City, Kansas; presented rate  
15 setting position reports to the regulatory board of the municipal utility in Austin, Texas,  
16 and Salt River Project, Arizona, on behalf of industrial customers; and negotiated rate  
17 disputes for industrial customers of the Municipal Electric Authority of Georgia in the  
18 LaGrange, Georgia district.

19 **Q PLEASE DESCRIBE ANY PROFESSIONAL REGISTRATIONS OR**  
20 **ORGANIZATIONS TO WHICH YOU BELONG.**

21 A I earned the designation of Chartered Financial Analyst (CFA) from the CFA Institute.  
22 The CFA charter was awarded after successfully completing three examinations  
23 which covered the subject areas of financial accounting, economics, fixed income and

1 equity valuation and professional and ethical conduct. I am a member of the CFA  
2 Institute's Financial Analyst Society.

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# AmerenUE

## Rate of Return Reduction Impact

### 1. Proposed Capital Structure<sup>1</sup>

<u>Line</u>	<u>Description</u>	<u>Amount</u> (1)	<u>Weight</u> (2)	<u>Cost</u> (3)	<u>Weighted</u> <u>Cost</u> (4)	<u>Pre-Tax</u> <u>Weighted</u> <u>Cost</u> (5)
1	Long-Term Debt	\$ 3,001,633,545	45.532%	5.774%	2.629%	2.629%
2	Short-Term Debt	\$ 47,612,601	0.722%	3.384%	0.024%	0.024%
3	Preferred Stock	\$ 114,502,040	1.737%	5.189%	0.090%	0.146%
4	Common Stock	\$ 3,428,579,662	52.009%	10.760%	5.596%	9.085%
5	Total	\$ 6,592,327,848	100.000%		8.340%	11.884%
6	Composite Tax Rate					38.400%

### 2. Proposed Capital Structure with ROE Reduction<sup>2</sup>

	<u>Description</u>	<u>Amount</u> (1)	<u>Weight</u> (2)	<u>Cost</u> (3)	<u>Weighted</u> <u>Cost</u> (4)	<u>Pre-Tax</u> <u>Weighted</u> <u>Cost</u> (5)
7	Long-Term Debt	\$ 3,651,044,928	51.008%	5.967%	3.044%	3.044%
8	Short-Term Debt	\$ -	0.000%	0.928%	0.000%	0.000%
9	Preferred Stock	\$ 114,502,040	1.600%	5.189%	0.083%	0.135%
10	Common Stock	\$ 3,392,179,086	47.392%	10.760%	5.099%	8.278%
11	Total	\$ 7,157,726,054	100.000%		8.226%	11.457%
12	Pre-Tax ROR Impact of ROE Adjustment					0.43%
13	Electric Rate Base <sup>3</sup>					\$ 5,786,786,650
14	Revenue Impact of ROE Adjustment					<u>\$ 24,755,419</u>

#### Sources:

<sup>1</sup> Report and Order, January 27, 2009, at 12, 15 and 32, and O'Bryan Rebuttal, Ex. 8, Schedule MGO-RE1.

<sup>2</sup> ER-2010-0036, Schedule MGO-E1.

<sup>3</sup> ER-2010-0036, Order Approving Compliance Tariff Sheets, February 19, 2009, Staff Rate Base.