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DEC 11 2009

Missouri Public
Service Commission

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

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

Case No. ER-2010-0036
Tariff Nos. YE-2010-0054
and YE-2010-0055

Direct Testimony and Schedule of

Michael Gorman

On behalf of

Missouri Industrial Energy Consumers

November 3, 2009



BRUBAKER & ASSOCIATES, INC.
CHESTERFIELD, MO 63017

Project 9187

MEC Exhibit No. Q
Case No(s). ER-2010-0036
Date 12-07-09 Rptr KE

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STATE OF MISSOURI)
)
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.

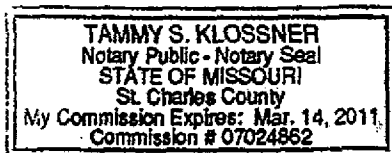
2. Attached hereto and made a part hereof for all purposes is my direct testimony and schedule which were prepared in written form for introduction into evidence in Missouri Public Service Commission Case No. ER-2010-0036.


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 2nd day of November, 2009.





Notary Public

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**Case No. ER-2010-0036
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and YE-2010-0055**

Direct Testimony of Michael Gorman

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

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

4 **Q WHAT IS YOUR OCCUPATION?**

5 **A I am a consultant in the field of public utility regulation and a managing principal with**
6 **the firm of Brubaker & Associates, Inc., energy, economic, and regulatory**
7 **consultants.**

8 **Q PLEASE SUMMARIZE YOUR EDUCATIONAL BACKGROUND AND**
9 **EXPERIENCE.**

10 **A These are set forth in Appendix A of my testimony.**

11 **Q ON WHOSE BEHALF ARE YOU APPEARING IN THIS PROCEEDING?**

12 **A I am appearing on behalf of the Missouri Industrial Energy Consumers (MIEC).**

**Michael Gorman
Page 1**

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."¹

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.

¹ 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%² and a return on equity
14 of 10.76%.³ 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.

² ER-2008-0318, Report and Order, January 27, 2009 at 15.

³ 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
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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.

Michael Gorman
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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 Structure¹

<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 Reduction²

	<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 ³					\$ 5,786,786,650
14	Revenue Impact of ROE Adjustment					<u>\$ 24,755,419</u>

Sources:

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

² ER-2010-0036, Schedule MGO-E1.

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