

Exhibit No.: 750
Issue(s): Fuel Adjustment Clause
Class Cost Allocations
Residential Rate Design
Sponsoring Party: AARP

BEFORE THE PUBLIC SERVICE COMMISSION OF MISSOURI

DIRECT TESTIMONY OF RONALD J. BINZ

ON BEHALF OF AARP

**Union Electric Company d/b/a AmerenUE
Case No. ER-2007-0002**

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DIRECT TESTIMONY OF RONALD J. BINZ

1 **Q What is your name and address?**

2 A My name is Ronald J. Binz. My business address is 333 Eudora Street, Denver,
3 Colorado 80220-5721.

4 **Q On whose behalf are you testifying in this case?**

5 A I am testifying on behalf of AARP, a nonprofit, nonpartisan membership
6 organization for people aged fifty and over. AARP provides information and resources;
7 advocates on legislative, consumer, and legal issues; assists members to serve their
8 communities; and offers a wide range of products and services to its members.
9 Nationally, AARP has over thirty-six million members, including more than 778,000
10 members in Missouri.

11 **Q What is your occupation?**

12 A I am President of Public Policy Consulting, a firm specializing in energy
13 and telecommunications regulatory matters. I provide consulting services to a variety of
14 public-sector and private-sector clients in the energy and telecommunications industries,
15 primarily in the regulatory arena. These have included consumer organizations, senior
16 citizen groups, agricultural utility consumers, homebuilders, state agencies, commercial
17 customer groups, telecommunications carriers, resellers and local governments. My
18 consulting practice dates to 1979, except for the years 1984-1995 when I served as
19 Colorado Consumer Counsel.

20 In my role as Consumer Counsel for the State of Colorado, I represented the
21 interests of residential, small business and agricultural consumers of telecommunications

1 and energy before the Colorado Public Utilities Commission, the Federal
2 Communications Commission (FCC), the Federal Energy Regulatory Commission
3 (FERC), the courts and legislative bodies.

4 While Consumer Counsel I served as the President of the National Association of
5 State Utility Consumer Advocates (NASUCA) for two years and chaired the
6 organization's Telecommunications Committee for three years. In those roles, and as
7 President of the Competition Policy Institute, I have testified fourteen times before
8 Congressional committees on energy and telecommunications matters.

9 These have included consumer organizations, senior citizen groups, agricultural
10 utility consumers, homebuilders, state agencies, telecommunications resellers and local
11 governments.

12 I am a frequent speaker and presenter at industry, regulatory and legislative
13 conferences and symposia. I am a member of the Harvard Electricity Policy Group and
14 recently served on two advisory commissions to the Federal Communications
15 Commission. My *curriculum vitae* is attached as Appendix A to this testimony.

16 **Q What is your educational background?**

17 **A** I received a B.A in Philosophy from St. Louis University in 1971. I received an
18 M.A in Mathematics from the University of Colorado in 1977. I entered the Masters
19 Program in Economics in 1980 and completed 27 hours of graduate work. I was
20 researching my Masters Thesis on Regulated Industries in 1983 when I was appointed to
21 the Public Utilities Commission by Colorado Governor Richard Lamm.

1 **Q What is the purpose of your testimony in this case?**

2 A I was asked by AARP to review the proposals of Union Electric Company d/b/a
3 AmerenUE ("AmerenUE" or "Company") in three areas: 1) the proposed Fuel
4 Adjustment Clause ("FAC"); 2) the option for treating off-system energy sales within this
5 adjustment mechanism; and 3) the Company's proposed class cost allocation and
6 residential rate design. In this testimony I examine the Company's proposals in these
7 areas and make recommendations to the Commission.

8 **Q How is your testimony organized?**

9 A First, I present an introduction to the testimony and a summary of my findings
10 and recommendations for the Commission. Second, I summarize the Company's
11 proposals for class cost allocation and rate design, for a Cost Adjustment Mechanism
12 (Fuel Adjustment Clause or FAC) and for an optional means for treating off-system
13 energy sales. Third, I discuss the role and impact of cost adjustment mechanisms in
14 utility rate making and offer an alternative approach to the Company's proposal for the
15 Commission's consideration. Fourth, I recommend three modifications to AmerenUE's
16 cost allocation methodology and present an alternative rate design for residential electric
17 rates in Missouri. Finally, I summarize my findings and recommendations.

I. Introduction and Summary of Testimony

18 **Q Mr. Binz, why is this case important to AARP members in Missouri?**

19 A From my discussions with AARP, I understand that AARP is the nation's largest
20 membership organization representing the interests of Americans aged 50 and older and

1 is concerned about the health, safety and financial security of older Americans. AARP
2 advocates for affordable and accessible energy services on the federal and state levels.

3 AARP knows that electricity service is crucial to health and personal welfare,
4 especially for older Americans: the ability to have air conditioning during the summer
5 and heat during the winter at affordable rates is absolutely necessary. AARP understands
6 that the loss of affordable utility services would have devastating consequences.

7 The Company is proposing a very large base rate increase for customers in
8 Missouri – an overall increase of \$360 million, or 18% for the average customer.
9 Although the Company proposes to limit the increase to 10% for residential customers,
10 this is still a substantial increase. Not surprisingly, this proposal will be attacked by
11 representatives of other customer classes, so AARP must consider that residential
12 customer could be at risk for an increase larger than 10%.

13 My testimony is designed to ensure that, whatever level of rates the Commission
14 decides to award the Company, the residential customer class bears only its fair share.
15 For that reason, AARP is interested that the class cost allocation adopted in this case be
16 fair and that the rate design methodology apportions costs among residential customers
17 fairly.

18 Finally, AmerenUE is proposing to modify substantially the manner in which it
19 collects its rates by instituting a Cost Adjustment Mechanism called the Fuel Adjustment
20 Clause or FAC. As I discuss later in the testimony, a FAC will significantly affect the
21 Company's incentives. This has implications for rates in the future, another item of
22 concern for AARP.

1 **Q** Please summarize your conclusions and recommendations to the
2 **Commission.**

3 **A** After reviewing the Company's testimony and exhibits, I have developed the
4 following findings and recommendations for the Commission:

5 **The AmerenUE FAC Proposal**

6 ▪ No FAC should be approved for AmerenUE. In general, regulators
7 should avoid using "automatic" cost adjustment mechanisms for rate
8 regulated companies. While there are valid arguments for and against
9 their use, I think the balance weighs against cost adjustment
10 mechanisms in most cases.

11 ▪ Cost adjustment mechanisms should be used only for utility costs that
12 meet three qualifications:

13 ▪ They represent a significant portion of a utility's costs;

14 ▪ They fluctuate significantly;

15 ▪ The costs are outside the utility's control.

16 The costs examined in this case meet the first of these criteria: fuel and
17 purchased power costs comprise a significant portion of AmerenUE's
18 total electric costs. However, these costs only partially meet the second
19 and third criteria.

20
21 ▪ If, despite the objections of consumer representatives, the Commission
22 decides to adopt any cost adjustment mechanism for AmerenUE in
23 Missouri, then it should be designed to retain as many of the desirable
24 incentives of cost of service regulation as possible. These include
25 valuable incentives for the utility to operate efficiently and to manage
26 its power costs.

27 ▪ If the Commission decides to approve an FAC for AmerenUE in
28 Missouri, it should be constructed so that some significant fraction of
29 AmerenUE's energy costs remains at risk. Such a feature is critical to
30 maintain the correct incentives for the Company. An FAC recently
31 adopted in Wyoming contains some desirable features that this
32 Commission should consider.

33 ▪ In its alternative proposal for treating off-system energy sales,
34 AmerenUE provides the Commission (perhaps inadvertently) with an

1 approach that can be used for the FAC. The Company commends this
2 mechanism to the Commission as one way to allow relatively
3 automatic adjustments to the revenue to be included.

4 ▪ If the Commission decides to adopt a sharing mechanism for treating
5 margins from off-system sales, the base level of revenue credits should
6 be set on the basis of the best evidence of the likely future value. The
7 Commission should not set the base amount below the likely future
8 margins, the approach advocated by AmerenUE.

9 ▪ If the Commission adopts an incentive-based Cost Adjustment
10 Mechanism of any kind, it should consider directing the parties to
11 negotiate the details of implementation of the mechanism in line with
12 principles the Commission would include in its order.

13 **Cost Allocation and Rate Design**

14 ▪ The cost allocation methodology used by AmerenUE – the 4-NCP
15 AED method – should not be used to allocate production demand
16 costs. There are superior allocation methods that consider the
17 coincident peak of the customer classes, something the AmerenUE
18 method ignores.

19 ▪ The Commission should reject the “zero-intercept” methodology used
20 by AmerenUE to allocate distribution costs. The method shifts
21 revenue requirements from commercial customers onto residential
22 customers and inflates the monthly customer charge.

23 ▪ The costs assigned to the residential customer charge should not
24 exceed the sum of those costs of metering and billing plus the
25 customer service lateral. These are costs are directly related to the
26 number of customers on the AmerenUE system.

27 ▪ The Commission should adopt a rate design developed by AARP and
28 presented in this testimony. The rate design lowers the monthly
29 service charge and is more equitable to smaller consumers within the
30 residential class. The AARP-recommended rates also produce a more
31 desirable relationship between summer and winter rates.

II. The AmerenUE Proposals

1 **Q What is AmerenUE seeking in this case with respect to increased revenues?**

2 A The Company is seeking an increase in annual base electric revenues of
3 \$360 million, an increase of about 17.7% over the revenues produced by existing rates.
4 The rate increase is being contested by several other parties, including the Commission
5 staff, the Office of the Public Counsel and the Missouri Attorney General each of whom
6 is recommending a *reduction* in base rates.

7 **Q What is the Company proposing for cost allocation and rate design?**

8 A The Company filed a class cost of service study that indicates how its proposed
9 increase would be spread to the various customer classes. The study produces an
10 increase for each customer class required to bring that class's earned rate of return to the
11 Company's average target rate of return. However, the Company does not strictly apply
12 the results of study for class cost allocation. Instead, the Company is proposing to limit
13 the rate increase to the residential to a 10% increase in base rates, with the shortfall
14 spread to other customer classes other than lighting customers.

15 Among many features of the class cost of service study, there are two salient
16 features: 1) the study uses the Average and Excess Demand (4-NCP) methodology to
17 allocate generation demand costs; and 2) the study uses the "zero-intercept" method to
18 classify and allocate a portion of distribution costs as customer-related.

19 This Company's class cost of service study is also used to design rates for the
20 various customer classes. For residential customers the study results in a monthly
21 customer service charge of \$8.22, an increase from the existing level of \$7.25. All costs

1 not recovered in the customer service charge are collected in the per-kilowatt-hour charge
2 for residential customers. The study yields a summer month energy charge of \$0.0895
3 per kWh, up from the current rate of \$0.0764 per kWh. The winter month energy charge
4 for the first 750 kWh in a month was increased to \$0.0557 from the existing level of
5 \$0.0540; for kWh in excess of 750, the energy charge was increased to slightly, to
6 \$0.0373 per kWh from \$0.0370.

7 The following table summarizes the existing and proposed rate elements for the
8 Residential customer class.

Rate Design Proposed by AmerenUE

| Residential | | |
|--------------------------------|----------------|------------------------------|
| | Present | AmerenUE Proposed |
| Summer (June-September) | | |
| Basic Charge | \$ 7.25 | \$ 8.22 |
| All kWh | \$0.0764 | \$0.0895 |
| Winter (October-May) | | |
| Basic Charge | \$ 7.25 | \$ 8.22 |
| Per kWh <750 | 0.054 | \$0.0557 |
| Per kWh >750 | 0.037 | \$0.0373 |

- 1 **Q** **How do these price changes affect customer bills at various usage levels?**
- 2 **A** The following table shows the percentage change in monthly bills for customers
- 3 at various usage levels. Since the rate structures are different for the summer and winter
- 4 seasons, the table shows bills in each season separately.

| Summer | | | | |
|-----------------|---------------|----------------------|---------|---------|
| Monthly Billing | | | | |
| kWh | Present Rates | AmerenUE Proposed | Change | Percent |
| 0 | \$7.25 | \$8.22 | \$0.97 | |
| 100 | \$14.89 | \$17.17 | \$2.28 | 15.3% |
| 300 | \$30.17 | \$35.07 | \$4.90 | 16.2% |
| 500 | \$45.45 | \$52.97 | \$7.52 | 16.5% |
| 753 | \$64.78 | \$75.61 | \$10.83 | 16.7% |
| 1,000 | \$83.65 | \$97.72 | \$14.07 | 16.8% |
| 1,500 | \$121.85 | \$142.47 | \$20.62 | 16.9% |
| 2,000 | \$160.05 | \$187.22 | \$27.17 | 17.0% |
| 3,000 | \$236.45 | \$276.72 | \$40.27 | 17.0% |
| 4,000 | \$312.85 | \$366.22 | \$53.37 | 17.1% |
| 5,000 | \$389.25 | \$455.72 | \$66.47 | 17.1% |

| Winter | | | | |
|-----------------|---------------|----------------------|--------|---------|
| Monthly Billing | | | | |
| kWh | Present Rates | AmerenUE Proposed | Change | Percent |
| 0 | \$7.25 | \$8.22 | \$0.97 | |
| 100 | \$12.67 | \$13.79 | \$1.12 | 8.8% |
| 300 | \$23.51 | \$24.93 | \$1.42 | 6.0% |
| 500 | \$34.35 | \$36.07 | \$1.72 | 5.0% |
| 753 | \$48.01 | \$50.11 | \$2.10 | 4.4% |
| 1,000 | \$57.05 | \$59.32 | \$2.27 | 4.0% |
| 1,500 | \$75.35 | \$77.97 | \$2.62 | 3.5% |
| 2,000 | \$93.65 | \$96.62 | \$2.97 | 3.2% |
| 3,000 | \$130.25 | \$133.92 | \$3.67 | 2.8% |
| 4,000 | \$166.85 | \$171.22 | \$4.37 | 2.6% |
| 5,000 | \$203.45 | \$208.52 | \$5.07 | 2.5% |

- 5 Both of these tables are attached to this testimony as Exhibit RJB-4.

1 **Q What other proposals are made by AmerenUE in this case?**

2 In its filing, the Company is proposing to institute a cost allocation mechanism
3 called the FAC. The mechanism is designed to track the Company's expenses related to
4 fuel and purchased power and will flow through to customers any differences between
5 the level of these costs collected in base rates and the costs actually incurred in the future.

6 The FAC will be updated quarterly, based on fuel costs and purchased power
7 costs incurred in the quarter prior to the most recent quarter. Since actual expenses may
8 be higher or lower than the base rate level, the FAC rate increment applied to customer
9 bills may be positive or negative. The FAC also contains a true-up mechanism to account
10 for under-collection of over-collection of target costs subject to the mechanism. The
11 FAC is also designed to permit the Commission, if it chooses, to flow through variations
12 in the level of margins from the Company's off-system energy sales.

13 Concerning off-system energy sales, AmerenUE describes two proposals for
14 accounting for these revenues in its rates. The first method is straightforward: the base
15 rate revenue requirement would be credited with \$183 million, the estimated test year
16 level of margins for off-system energy sales. The second method includes a smaller level
17 of revenues in base rates (\$120 million), and proposes to use a tapered percentage sharing
18 mechanism for margins in excess of \$120 million. The customers' share of the margin in
19 excess of the base amount would be flowed through the FAC. The following table,
20 which repeats information contained in the testimony of AmerenUE witness Schukar
21 describes the alternative treatment of margins from off-system sales.

| <u>Level of Off-System Sales Margins (in millions of \$)</u> | <u>Customer Share</u> | <u>AmerenUE Share</u> | <u>Effective Share for Customers</u> |
|--|-----------------------|-----------------------|--------------------------------------|
| \$0 - \$120 | 100% | 0% | 100% |
| \$121 - \$180 | 80% | 20% | 100% - 93% |
| \$181 - \$360 | 50% | 50% | 92% - 72% |
| Over \$360 | 100% | 0% | 72% or more |

III. Analysis of the FAC Proposal

1 **Q** Do you recommend that the Commission adopt an energy cost adjustment
2 mechanism for AmerenUE?

3 **A.** In general, I do not recommend that Commissions establish “automatic” cost
4 adjustment mechanisms for regulated companies. While there are valid arguments for
5 and against their use, I think the balance weighs against cost adjustment mechanisms in
6 most cases. There are several reasons for my position.

7 First, a cost adjustment mechanism tends to dull the incentives to efficiency that
8 cost of service regulation provides to utilities. To see why, consider that a firm operating
9 in a competitive market is not able to change prices to accommodate changes in costs, at
10 least not unilaterally – not until the market price changes. Pressure from cost increases
11 requires a competitive firm to become more productive in order to maintain its
12 profitability.

13 It has long been recognized that “regulatory lag” in cost of service regulation
14 mimics this process in a competitive market. It can benefit customers and the utility alike
15 by supplying the incentives that competition provides in other industries.

1 There are certainly specific situations in which regulators might usefully consider
2 adopting cost recovery mechanisms to speed up utility cost recovery or to simplify
3 regulatory practices. However, I do not think the situation of AmerenUE in Missouri is
4 one of those cases. Those situations are usually triggered by the very poor financial
5 health of a utility or the need to ease the burden on regulators.

6 Indeed, fuel adjustment clauses originated during a period when increases in
7 certain expense items were badly hurting utility earnings and regulators were being
8 swamped with “pancaked” rate cases. As I will explain further below, those may be valid
9 reasons for using cost allocation mechanisms, as long as regulators understand the
10 trade-offs and find that the benefits obtained from using such mechanisms outweigh the
11 damage done to the utility’s incentives.

12 The most important thing to remember when considering whether to adopt a cost
13 adjustment mechanism is that moving away from traditional regulatory treatment comes
14 with a potentially large cost. In my opinion, cost adjustment mechanisms are often
15 adopted by regulators not because of the incentives they provide, but in spite of them.

16 **Q Please discuss your other reasons for opposing implementation of most cost**
17 **adjustment mechanism.**

18 My second reason is that cost adjustment mechanisms tend to skew choices the
19 regulated company must make by rearranging its economic incentives. A utility is
20 continuously faced with short-term and long-term decisions about fuel and power
21 purchases, whether to “build or buy,” etc. To the extent that an adjustment mechanism is
22 a “thumb on the scale” for some choices in preference to others, it may induce the

1 Company to make choices it might not otherwise make, to the detriment of the
2 Company's customers.

3 My third concern with cost adjustment mechanisms relates to their fairness. Cost
4 adjustment mechanisms shift the balance of risk between utilities and their customers;
5 more generally, they change the balance of equities embodied in cost of service
6 regulation. Cost adjustment mechanisms are usually applied only to costs that trend
7 upward over time. It would be a rare utility that would propose a cost mechanism to
8 track decreasing costs. By removing an upward-trending cost and tracking it with a cost
9 adjustment mechanism, the balance of fairness in ratemaking is changed.

10 **Q. What policy questions should the Commission examine in determining**
11 **whether to approve a cost adjustment mechanism as proposed by AmerenUE in this**
12 **case?**

13 **A.** At the outset, I suggest the Commission should address at least these three basic
14 policy questions:

- 15 ▪ What is the purpose of a FAC in Missouri? What feature of regulation
16 needs repair?
- 17 ▪ How does the FAC modify the equities of cost of service regulation as
18 it is currently practiced?
- 19 ▪ How does the FAC affect the incentives facing AmerenUE? How can
20 the Commission retain the desirable aspects of current regulation?

1 **Q** **What types of cost are typically considered candidates for recovery through**
2 **cost adjustment mechanisms?**

3 The AmerenUE proposal is to establish a cost adjustment mechanism for changes
4 in fuel costs (including fuel transportation costs) and purchased power. More generally,
5 it is well established in utility regulation that cost adjustment mechanisms should apply
6 only to costs that meet three criteria:

- 7 ▪ They represent a significant portion of a utility's costs;
- 8 ▪ They fluctuate significantly;
- 9 ▪ The costs are outside the utility's control.

10
11 **Q.** **Are fuel and purchased power costs a significant portion of AmerenUE's**
12 **revenue requirement?**

13 A. Yes, they are. Fuel costs and purchased power costs are large fraction of the
14 Company's proposed revenue requirement in the case pending before the Commission at
15 the current time.

16 **Q.** **Do the Company's power costs fluctuate?**

17 A While it might be argued that these costs will trend upward over time, I am
18 unaware of any evidence that fuel and purchased power costs in Missouri are expected to
19 fluctuate significantly in the intermediate future. The Company has not offered any
20 evidence in support of the FAC proposal that shows the Company's power costs are
21 expected to change rapidly in Missouri.

22 Of course, increases over time in any cost category do not necessarily indicate
23 that a Commission should institute a "recovery mechanism." To the extent that increases

1 in cost cannot be offset by productivity gains, increased sales, etc., the utility always has
2 the alternative to file to increase rates. This type of pressure on a utility to become
3 progressively more efficient is actually a *good thing*: good for customers and companies
4 alike.

5 **Q. Are variations in fuel and purchased power costs within the control of**
6 **AmerenUE?**

7 **A.** It is true that AmerenUE cannot affect two determinants of its power costs:
8 wholesale market prices and the weather. On the other hand, there are other
9 determinants of fuel and power costs that AmerenUE can influence or even control in the
10 short-run and long-run. Here is a partial list of drivers for fuel and purchased power over
11 which the Company exercises control or significant influence:

- 12 ▪ Basic choices in the utility's resource plan
- 13 ▪ The ratio of owned generation and purchased power
- 14 ▪ Terms of wholesale contracts
- 15 ▪ Efficiency of system operations
- 16 ▪ Transmission system design and operation
- 17 ▪ Degree and type of fuel risk in purchase decisions
- 18 ▪ Hedging activities
- 19 ▪ Demand side choices
- 20 ▪ Advocacy for beneficial rate design proposals

21
22 Thus we see that the Company is neither passive nor powerless in the face of
23 changing fuel and power costs. The Company shapes its power cost future by the
24 numerous choices it makes in these areas. The Commission should tread carefully when

1 changing the way it regulates these activities and the basic incentives provided to
2 AmerenUE.

3 **Q. What about the effect of an FAC on AmerenUE's incentives?**

4 A. In many ways, regulation may have its greatest effect, not through limits on prices
5 in the short run, but rather through the incentives it creates for utilities in the longer run. It
6 is important to consider some of the signals that will flow from approval of the FAC.

7 The Commission is undoubtedly aware of the debates about incentives that cost
8 regulation provides: examples include the Averch-Johnson effect for capital investment
9 levels; the connection between cost regulation and quality of service; and the incentives
10 inherent in price cap regulation.

11 For better or for worse, the presence of regulation in a market shapes the behavior
12 of the market participants. While utility regulators might want to limit their role to being a
13 substitute for the competition that is missing in these industries, it is rarely possible to limit
14 regulation's effects that way. The question is usually not how to eliminate stray incentives
15 in decisions but, instead, which ones to accept.

16 AmerenUE has operated in Missouri without a power cost adjustment mechanism
17 since at least 1979. In my view, this has created a desirable risk/reward proposition for
18 consumers and for the Company.

19 Under the current regulatory regime for AmerenUE in Missouri, fundamental
20 decisions such as whether to "build or buy," whether and how to hedge power costs,
21 choices of fuel acquisition strategies, and even rate design choices are shaped by the fact
22 that differences between projected and actual power costs accrue to the benefit or detriment

1 of shareholders between rate cases. A FAC mechanism alters in a fundamental way the
2 risk analysis that AmerenUE executive will consider when making those decisions. As I
3 will explain later in this testimony, if the Commission decides to adopt some form of a
4 FAC in this case, it should try to retain as many of the desirable incentives of standard
5 regulation as possible when designing the FAC.

6 **Q What is AARP's overall position on the FAC?**

7 A For the reasons I have articulated above, AARP opposes implementation of an FAC
8 or other "pass-through" mechanisms, primarily because of the damage such clauses do to
9 the utility's incentives to be efficient. In addition, counsel for AARP has informed me that
10 AmerenUE's ability to request an FAC in this case is still subject to objections relating to
11 AmerenUE's failure to file an FAC tariff along with the tariffs that initiated this rate case
12 and that these arguments will be further explored in legal briefs. For these reason, my
13 testimony addressing modifications to the proposed FAC should not be taken as a waiver of
14 AARP's primary recommendation that the Commission reject the FAC or its legal
15 objections related to the filing of an FAC in this case.

16 **Q Is it necessary for the Commission to adopt an FAC in order to ensure that**
17 **AmerenUE recovers its costs?**

18 A No. It is a common misconception that utility regulation is a "cost-plus" exercise
19 and that a regulator's duty is to ensure that companies "recover" their costs. This is
20 factually incorrect. Under cost of service regulation, past costs are not "recovered;" they
21 are simply used as a guide to the future costs that new rates attempt to match. In fact,
22 "recovering" past costs, absent a specific exception, is retroactive ratemaking. An FAC

1 distorts the traditional ratemaking equation and essentially inoculates a future rate request
2 of a utility from a claim of retroactive ratemaking with respect to the subject costs.

3 The "regulatory bargain" in Missouri is similar to that in many other states: a
4 utility's rates are set on the basis of a reasonable projection of future costs. The traditional
5 ratemaking method uses an adjusted "test year" to estimate the required future revenues by
6 estimating the future costs and future level of profit required. To the extent that actual
7 costs are lower or higher than these estimated costs, a utility's shareholders are better off
8 (or worse off) for a period of time. If a utility can justify changing its base rates, it files a
9 case and the Commission renders a decision. If the Commission (or another party) believes
10 rates are systematically too high going forward, that party can file to reduce rates, and the
11 Commission renders a decision.

12 Missouri utilities have functioned since 1979 without the advantage of an FAC and
13 none to my knowledge has alleged that regulation is impossible without an FAC. The new
14 law passed by the Missouri general assembly (SB 179) authorizes, but does not require, the
15 Commission to approve an FAC. Importantly, SB 179 also contemplates that the
16 Commission may modify a proposed adjustment mechanism to provide "incentives to
17 improve the efficiency and cost-effectiveness" of the utility's fuel and purchased power
18 procurement activities.

1 **Q Mr. Binz, before discussing your recommendations concerning AmerenUE's**
2 **FAC proposal, please discuss the rate treatment of off-system energy sales as a**
3 **component of a FAC mechanism.**

4 **A To begin with, AmerenUE proposes to include the margins from off-system sales as**
5 **an "above-the-line" item, ensuring that these substantial profits are counted towards the**
6 **Company's regulated revenue requirement. This is a continuation of current Commission**
7 **practice that recognizes these unregulated sales and the related margins are made possible**
8 **only through the use of generating plants and fuel stocks paid for by ratepayers. Through**
9 **the testimony of its witness Shawn Schukar, the Company estimates that the sales margins**
10 **will be \$183 million in the first year of new rates. The Company proposes to credit this**
11 **amount – \$183 million – against the revenue requirement in the case.**

12 **Q What is the alternative proposal presented by AmerenUE?**

13 In his testimony, AmerenUE Chief Financial Officer Warner L. Baxter describes an
14 optional approach to the handling of off-systems sales margins in which amounts above a
15 base level (proposed to be \$120 million) would be shared between customers and the utility
16 in a percentage that varies with the size of the variance from the base level. The proposal is
17 also discussed in the testimony of AmerenUE witness Shawn Schukar. The following chart
18 from Mr. Schukar's testimony summarizes this option.

| <u>Level of Off-System Sales Margins (in millions of \$)</u> | <u>Customer Share</u> | <u>AmerenUE Share</u> | <u>Effective Share for Customers</u> |
|--|-----------------------|-----------------------|--|
| \$0 - \$120 | 100% | 0% | 100% |
| \$121 - \$180 | 80% | 20% | 100% - 93% |
| \$181 - \$360 | 50% | 50% | 92% - 72% |
| Over \$360 | 100% | 0% | 72% or more |

1 Mr. Baxter argues that this sharing proposal

2 ...provides important, yet balanced incentives to the
3 Company to improve its plant operations and lower its costs
4 in a safe and reliable manner.

5 He adds that the sharing mechanism

6 ...addresses a significant uncertainty associated with
7 determining the appropriate level of off-system sales margins
8 to include in base rates by establishing a baseline target that
9 is likely to be achieved under most circumstances, thereby
10 mitigating the possibility that the baseline amount will not be
11 achieved due to uncontrollable, volatile market conditions or
12 uncertain operating conditions.

13 To paraphrase, Mr. Baxter is arguing that the sharing structure he recommends is a
14 way to pass through volatile sales margins to customers while maintaining incentives for
15 the company to be efficient.

16 The margin-sharing proposal is tied to the FAC proposal in the testimony of
17 AmerenUE's witness Martin J. Lyons, Jr. He identifies a factor called "SMS" (the
18 customer share of margins from off-system sales) in the FAC that can be used to flow
19 through the customer share of off-system sales margins above a base amount contained in
20 rates.

21 **Q Is AmerenUE proposing to use the margin-sharing mechanism as part of the**
22 **FAC in this case?**

23 **A** Not exactly. Although the margin-sharing proposal is addressed by three
24 AmerenUE witnesses, Mr. Schukar says that the Company is not actually proposing it and
25 that the Company's rate filing assumes that \$183 million in off-system sales is credited to

1 rates with no sharing mechanism. Mr. Lyons states that "the mechanism discussed above
2 could be implemented as part of the resolution of this case."

3 **Q What is your opinion of the AmerenUE margin-sharing proposal and its**
4 **connection to the FAC proposal?**

5 **A** I have two comments. First, the base amount and sharing percentages must be
6 revised before the proposal should have any interest for consumers. To see why, note that
7 AmerenUE projects the most likely level of off-system sales margins is \$183 million. If
8 this level is achieved under AmerenUE's sharing proposal, customers would be credited
9 with only \$169.5 million of the \$183 million (\$120 million base plus 80% of \$60 million
10 plus 50% of \$3 million). The Company would keep \$13.5 million.

11 This is clearly inferior to the current Missouri practice (and AmerenUE's primary
12 proposal) in which base rates would be credited with the full \$183 million. In a sense,
13 AmerenUE would be getting a "bonus" of \$13.5 million merely for achieving the level of
14 off-system sales margins that the Company itself has projected as the most likely. (Stated
15 another way, customers would "break even" with the alternative sharing proposal only if
16 AmerenUE achieved margins of \$210 million, in which case the shared amount would be
17 \$183 million.)

18 The following chart compares the Company's proposal in this case (\$183 million in
19 revenue credits against cost of service) versus this sharing plan.