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STATE OF MISSOURI  
PUBLIC SERVICE COMMISSION  
TRANSCRIPT OF PROCEEDINGS  
Evidentiary Hearing  
March 3, 2015  
Jefferson City, MO  
Volume No. 23

In the Matter of Union Electric )  
Company, d/b/a Ameren Missouri's ) File No.  
Tariff To Increase Its Revenues ) ER-2014-0258  
For Missouri Operations Company )  
For Electric Service )

Morris L. Woodruff, Presiding  
REGULATORY LAW JUDGE

ROBERT S. KENNEY, Chairman  
WILLIAM P. KENNEY  
DANIEL Y. HALL  
COMMISSIONERS

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1 P R O C E E D I N G S

2 (Whereupon, the hearing began at 1:01 p.m.)

3 JUDGE WOODRUFF: Let's go ahead and  
4 get started. We're back for another day of the  
5 Ameren rate case hearing, ER-2014-0528. Today  
6 we're going to be taking up class cost of service  
7 issues but before we do that there's some other  
8 matters that need to be taken care of.

9 Ms. Tatro, you asked to be  
10 recognized?

11 MS. TATRO: Thank you, Your Honor.  
12 Yes, I have a few issues.

13 On Thursday, the 5th, it currently  
14 shows an issue labeled Other Tariff Issues which I  
15 believe is the 7(M) lighting issue, Mr. Davis is  
16 the only person testifying on that, no one opposes  
17 that so my suggestion is it really doesn't even  
18 need to be on the issues and we don't need to take  
19 testimony on that.

20 JUDGE WOODRUFF: That would be the  
21 incandescent street lights is what it's showing on  
22 here, but.

23 MS. TATRO: No, Other Tariff Issues.  
24 Isn't there one that says Other Tariff Issues after  
25 that?

1 JUDGE WOODRUFF: I know what you're  
2 talking about but I'm looking at what Mr. Thompson  
3 gave me and I don't see it there. I know what  
4 you're talking about.

5 MS. TATRO: Okay. Hang on a second.

6 Yeah, that's it, all right. Sorry.  
7 I was looking at my version of this document which  
8 calls it something different.

9 JUDGE WOODRUFF: Okay. That was the  
10 Ameren's request to change its tariff?

11 MS. TATRO: we're getting rid of that  
12 tariff, I believe there's no more customers on it.

13 JUDGE WOODRUFF: Okay.

14 MS. TATRO: I believe there were  
15 initially at the time we filed but we've been in  
16 contact with them and we're done with that.

17 The second issue on the same date is  
18 the LED street light issue and Staff and Ameren  
19 Missouri has agreed to Ameren Missouri's proposal  
20 to update our cost effective study on an annual  
21 basis is fine, that is consistent with what the  
22 city's put in their position statement as well so  
23 I'm not sure that that issue needs to go to hearing  
24 either because we would, we agreed to update it  
25 annually as we were ordered to do in file number

1 EO-2013-0367.

2 JUDGE WOODRUFF: Will a stip have to  
3 be filed on that, or?

4 MS. TATRO: If the Commission would  
5 like us to put it in a stipulation we can do so, if  
6 putting it in the record this way, that's fine as  
7 well.

8 JUDGE WOODRUFF: Okay.

9 MS. TATRO: If the Commission has a  
10 preference.

11 JUDGE WOODRUFF: I don't have a  
12 preference although the parties believe it ought to  
13 be taken care of as appropriate.

14 MS. TATRO: Okay.

15 JUDGE WOODRUFF: Anything else?

16 MS. TATRO: My third issue has to do  
17 with the MEEEEIA low income exception which is being  
18 heard on the 4th. I'm not 100 percent sure what  
19 all issues remain to be tried and I'm not proposing  
20 that we not try it but I wanted to make the  
21 Commission aware that we will need an order on that  
22 particular issue prior to the report and order in  
23 this case. If it is approved then we have to file  
24 the tariff 30 days before the effective date  
25 because it's, and that would be June, I said 30, I

1 meant 60, sorry, 60 days before the effective date  
2 which is the first of June so we would need an  
3 order so we can file the tariff by April 2nd.

4 JUDGE WOODRUFF: We can talk about  
5 that more when it comes up on the schedule then.

6 MS. TATRO: Okay.

7 Then the last thing I have is this  
8 morning we filed a revised partial revenue  
9 requirement stipulation hopefully addressing the  
10 issues brought up by Chairman Kenney, Commissioner  
11 Hall and we would request that you issue a  
12 shortened objection date, maybe by noon on Friday,  
13 so if there is going to be an objection to it we  
14 can figure out how to add time at the end of the  
15 hearing or what we're going to do to be able to  
16 take those issues up.

17 JUDGE WOODRUFF: Any indication that  
18 there is any objection?

19 MS. TATRO: We've had one party who  
20 did not indicate one way or another so I don't  
21 know.

22 JUDGE WOODRUFF: Okay.

23 Mr. Williams.

24 MR. WILLIAMS: Thank you, Judge.

25 As you're aware this morning Staff

1 filed a stipulation and agreement in conjunction  
2 with Ameren Missouri regarding depreciation which  
3 is scheduled for hearing tomorrow. Public Counsel  
4 has filed a non-opposition and I've heard from a  
5 number of parties expressing that they don't oppose  
6 it, I've heard from United For Missouri, Cities of  
7 Ballwin and O'Fallon, Division of Energy, MIEC and  
8 MIEG. I have not heard from the other parties as to  
9 their positions but I haven't heard from anyone  
10 hearing indicating that they're opposing it and of  
11 course the issues are scheduled for hearing  
12 tomorrow so I want to bring that to the  
13 Commission's attention.

14 JUDGE WOODRUFF: Is it your  
15 anticipation then we will not have to hear the  
16 evidence tomorrow?

17 MR. WILLIAMS: That's what I'm  
18 expecting.

19 JUDGE WOODRUFF: Well, that's good.  
20 So what we would have left then tomorrow would be  
21 the economic development riders and the MEEIA low  
22 income and whatever we don't get done today on  
23 class cost of service. And on Thursday we would  
24 have the city street lighting issues and  
25 supplemental services, the NBEC's on Friday and the

1 Labadie ESP's on Friday.

2 MS. TATRO: Your Honor do you need to  
3 issue any kind of order asking someone if they have  
4 an objection to that depreciation study so that we  
5 don't, if someone does we don't miss that?

6 JUDGE WOODRUFF: I can do that. Our  
7 regulation says seven days but we can certainly  
8 appeal to people's better instincts to try and give  
9 us information as soon as possible.

10 MS. TATRO: Yeah, it does say seven  
11 days unless the Commission orders otherwise, so  
12 that's why I asked. Thank you.

13 JUDGE WOODRUFF: Okay.

14 MR. ALLISON: Judge I have one  
15 matter.

16 JUDGE WOODRUFF: Okay.

17 MR. ALLISON Earlier Public Counsel  
18 offered the Exhibits 406, 407 and 408, HC and NP,  
19 subsequently the Commission declassified certain  
20 portions of 408 and so this morning I filed a  
21 revised surrebuttal testimony of Mr. Ted Robertson.  
22 I would ask that we be allowed to substitute those  
23 reclassified versions as Public Counsel Exhibit 408  
24 NP & HC.

25 JUDGE WOODRUFF: Okay. Any objection

1 to that substitution?

2 Hearing none that request is granted  
3 then.

4 MR. ALLISON: And second, Judge, the  
5 last issue Mr. Robertson was going to offer  
6 testimony on was depreciation and since that is in  
7 flux I would ask that you make a ruling on the  
8 admission of Exhibits 406, 407 and 408 at this  
9 time.

10 JUDGE WOODRUFF: All right. 406, 407  
11 and 408 have been offered, any objection to their  
12 receipt?

13 Hearing none they will be received.

14 MR. ALLISON: Thank you, Judge.

15 MR. CHAMBERLAIN: Your Honor, one  
16 other matter, Rick Chamberlain appearing on behalf  
17 of Wal-Mart Stores East, LP and Sam's East, Inc.

18 JUDGE WOODRUFF: Okay. Very good.

19 Anything else that we need to take up  
20 before we get started?

21 All right. Then we'll start with  
22 mini openings on the class cost of service issues  
23 beginning with Ameren.

24 MR. MITTEN: May it please the  
25 Commission.

1                   The joint issues list filed last  
2 month shows nine issues the Commission needs to  
3 decide in this case on the topics of class cost of  
4 service, revenue allocation and rate design. I'm  
5 not going to address each individual issue in my  
6 opening statement because I think many of those  
7 issues can be addressed generally by focusing on  
8 which class cost of service study methodologies  
9 most accurately allocate costs among Ameren  
10 Missouri's rate classes. In this case four parties  
11 performed class cost of service studies, Ameren  
12 Missouri, Staff, Public Counsel and MIEC. I won't  
13 go into detail about the specific methodologies  
14 each of those parties used or describe the relative  
15 strengths and weakness of those methodologies and I  
16 don't think the Commission needs to do so either  
17 because as table 1, page 4 of the rebuttal  
18 testimony of Ameren Missouri's witness William  
19 Warwick shows but with one exception the production  
20 plant allocators of various studies produced are  
21 qualitatively equivalent. Also, I note that the  
22 results of Ameren Missouri's, Staff's and MIEC's  
23 studies showed similar results that residential and  
24 LTS were providing below average returns, the LPS  
25 and lighting classes were providing close to

1 average returns and the SGS, LGS and SPS rate  
2 classes were providing above average returns. The  
3 sole outlier of the four studies was the four  
4 coincident peak version of the peak and average  
5 method used by the Office of the Public Counsel.  
6 This is the same methodology that the Public  
7 Counsel used in past Ameren Missouri rate cases and  
8 in each case where the class cost of service issues  
9 were litigated the Commission found the OPC study  
10 methodology to be inherently flawed because it  
11 double counts the average demand of the various  
12 customer classes. That double counting causes  
13 customers with higher load factors to be allocated  
14 an inequitable share of production plant and it  
15 causes those same customers to be allocated a  
16 disproportionate share of the non-average demand  
17 portion of production plant investment. Those same  
18 infirmities continue to inflict OPC's class cost of  
19 service methodology which is why the production  
20 plant allocation factors produced by that  
21 methodology are so far out of line with the results  
22 of the other party's studies. In past cases the  
23 Commission has found Ameren Missouri's four  
24 non-coincident peak version of the average and  
25 excess demand allocation methodology to be a

1 balanced and reliable methodology for class cost of  
2 service and we recommend that the Commission use  
3 the Company's class cost of service for revenue  
4 allocation purposes in this case. But because the  
5 difference between the results of Ameren Missouri  
6 studies and the studies conducted by Staff and MIEC  
7 are similar we're not going to contest which of  
8 those studies should be used for revenue allocation  
9 in this case. Although the differences in results  
10 of three of the four class cost of service studies  
11 in this case are slight and which of those studies  
12 the Commission chooses to rely on is not an issue.

13                   There are a few rate design issues  
14 that must be resolved in a report and order in this  
15 case. One of those issues concerns the customer  
16 charge for Ameren Missouri's residential rate  
17 class. As the Commission is aware the cost Ameren  
18 Missouri incurs to provide service to its customers  
19 are generally classified as either customer demand  
20 or energy related. Those costs are further divided  
21 into two general categories, fixed and variable.  
22 Fixed costs are those costs that are not usage  
23 sensitive while variable costs vary with the amount  
24 of electricity sold. Generally speaking for  
25 non-demand metered customers the monthly customer

1 charge is designed to reflect certain fixed charges  
2 such as billing, postage, meter reading and the  
3 like, that the company incurs regardless of whether  
4 the customer uses energy. While volumetric  
5 charges, the price customers pay for each kilowatt  
6 of energy they use, are designed to reflect all  
7 remaining costs including variable or  
8 energy-related costs. Although those are the  
9 objectives of rate design a large portion of the  
10 fixed costs Ameren Missouri currently incurs to  
11 provide electric service are still collected  
12 through volumetric rates for the residential rate  
13 class. For example, for a residential customer  
14 about 80 percent of Ameren Missouri's costs are  
15 fixed but only about 10 percent of those fixed  
16 costs are currently being collected through the  
17 customer charge. The effect of this discrepancy is  
18 evidenced by the fact that the Company's class cost  
19 of service study in this case supports a  
20 residential customer charge in excess of \$20 but  
21 the current customer charge is only \$8. Ameren  
22 Missouri's residential customer charge is the  
23 lowest of all Missouri investor-owned electric  
24 utilities and its only about a third of the average  
25 monthly customer charge of all Missouri electric

1 cooperatives. In fact for cooperatives the lowest  
2 customer charge is \$14 a month and the highest  
3 charge is \$38 a month and I say this because the  
4 cooperatives are organizations that are owned by  
5 the members who pay those rates. In each of the  
6 past five rate cases Ameren Missouri has proposed  
7 to increase the customer charge for its residential  
8 customers but only one of those increases has been  
9 approved. That means the gap between costs the  
10 customer charge was meant to collect and the cost  
11 it actually is collecting has continued to grow.  
12 More specifically, over those five rate cases for  
13 every one percent increase in the monthly customer  
14 charge there has been a five percent increase in  
15 volumetric charges. To stem that tied Ameren  
16 Missouri again proposes to increase the customer  
17 charge for residential customers. Although the  
18 Company's approach in this case differs from the  
19 approach taken in its last rate case. Instead of  
20 increasing the customer charge by a specific amount  
21 Ameren Missouri proposes to increase the customer  
22 charge by the same percentage as other rates are  
23 increased for the residential class in this case.  
24 While this proposed methodology won't improve the  
25 five to one volumetric fixed cost ratio I mentioned

1 a moment ago, the ratio won't get any larger if our  
2 proposal is adopted. Under this proposal if the  
3 Company received the entire amount of the rate  
4 increase requested in this case the monthly  
5 customer charge would increase from \$8 to \$8.77 but  
6 because many issues affecting the revenue  
7 requirement likely will be settled before this case  
8 is decided the current maximum increase is more in  
9 the range of \$8.50. Ameren Missouri believes the  
10 evidence in this case will suggest that Staff's  
11 opposition to the proposed increase in the  
12 residential customer charge is based on language  
13 and report in order in the Company's last rate  
14 case. In that order the Commission concluded that  
15 the monthly customer charge should not be increased  
16 for public policy reasons. Specifically, the  
17 Commission concluded shifting costs from volumetric  
18 to the monthly customer charge would tend to reduce  
19 a customer's incentive to save electricity because  
20 increases in the volumetric rates would adversely  
21 affect the payback periods associated with energy  
22 efficiency measures.

23 It's important the Commission  
24 understand that Ameren Missouri is also proposing  
25 to increase the volumetric rate in this case. This

1 means that even with a nominal increase in the  
2 monthly customer charge the incentive to  
3 participate in energy efficiency programs that the  
4 Commission found important in the last case will  
5 still be there and in fact will be enhanced.  
6 Therefore it's clear that an increase in the  
7 monthly customer charge and energy efficiency are  
8 not mutually exclusive. The Commission should not  
9 tilt the rate design solely in favor of energy  
10 efficiency. Indeed there are customers who are  
11 above average energy consumers with little or no  
12 options to reduce energy consumption. The  
13 Commission should recognize the need to balance the  
14 fact that half of Ameren Missouri's residential  
15 customers would receive and have been receiving  
16 above average rate increases when the customer  
17 charge stays at \$8. The Company's proposal to  
18 increase the customer charge by the same percentage  
19 as a class total reasonably balances the desire to  
20 increase the price signal for energy efficiency and  
21 the true underlying cost of service.

22                   The final issue I want to address is  
23 the proposal by Wal-Mart Sam's Club to apply half  
24 of an increase approved for the LGS and SPS rate  
25 classes to the initial usage block and the other

1 half to the demand charge. Under this proposal  
2 rates for the second and third energy blocks would  
3 remain unchanged. In addition, Wal-Mart Sam's Club  
4 also proposes that the Commission require Ameren  
5 Missouri to develop alternate rate designs for the  
6 LGS and SPS rate classes that are not based on  
7 hours used rate design for the energy charge and to  
8 present those alternatives in the Company's next  
9 rate case.

10 With regard to the first proposal I  
11 just mentioned Ameren Missouri conducted a bill  
12 impact analysis that shows the effect the Wal-Mart  
13 and Sam's Club's proposal will have on customers in  
14 the two rate classes that are affected by that  
15 proposal and the results of that analysis can be  
16 seen on page 10 of the rebuttal testimony filed by  
17 Ameren Missouri's witness William Davis. I invite  
18 the Commission to question Mr. Davis on these  
19 effects as it considers the public policy impacts  
20 of the Wal-Mart Sam's Club proposal.

21 With regard to the second aspect of  
22 that proposal the hours used rate design  
23 methodology which bases rates on a size  
24 relationship between customer's demand and the  
25 amount of energy the customer actually uses was

1 specifically designed to deal with the diversity of  
2 loads of customers within the large general service  
3 and small SPS rate classes. It equitably recovers  
4 from customers the costs with varying load factors  
5 and there is no reason to believe any alternative  
6 rate design will produce results that are better or  
7 more equitable. However, if Wal-Mart and Sam's  
8 Club believes differently it should bear the burden  
9 of conducting the analysis necessary to validate  
10 that claim.

11 That completes my opening statement,  
12 I'll be happy to take any questions.

13 JUDGE WOODRUFF: Mr. Kenney?

14 COMMISSIONER KENNEY: I just have one  
15 question.

16 EXAMINATION

17 QUESTIONS BY COMMISSIONER KENNEY:

18 **Q. You mentioned only one base rate**  
19 **increase for residential customers in the last five**  
20 **rate cases?**

21 A. Only one increase in the customer  
22 charge. Base rates have increased in each of those  
23 cases.

24 **Q. Okay. In the customer charge.**

25 A. That's correct.



1 cost signals to customers and while those inflated  
2 volumetric charges may shorten the payback period  
3 for energy efficiency measures and therefore  
4 provide an incentive to customers to adopt those  
5 measures it's doing it based upon false economies.

6 **Q. Okay. But it's still, it's**  
7 **incentivizing conservation and you're proposing**  
8 **something that would reduce that incentive.**

9 A. It's incentivizing conservation that  
10 may be less than cost effective which is the  
11 objective that the MEEIA statute sets out as the  
12 policy of the state. It supports energy efficiency  
13 but it supports cost effective energy efficiency.

14 **Q. Wouldn't such a change also give**  
15 **Ameren more stability in revenues?**

16 A. Moving it to the customer charge?

17 **Q. Yes.**

18 A. Yes, it would.

19 **Q. And isn't that a benefit to Ameren?**

20 A. It is a benefit to Ameren. It also  
21 stabilizes the monthly bills that the customer  
22 receive because as less of their bill is dependent  
23 on volumetric charges the swings month to month  
24 would be less.

25 **Q. You mentioned that Ameren has the**

1 lowest customer charge of any investor-owned  
2 utility in the state?

3 A. That's correct.

4 Q. And what is the range of the customer  
5 charges for the other investor-owned utilities?

6 A. Commissioner Hall I can't tell you,  
7 that's in Mr. Davis's testimony but it's my  
8 recollection that the next lowest monthly customer  
9 charge is \$9.

10 Q. And then could you explain to me  
11 again Ameren's proposal for the increase and how it  
12 is calculated? Or is that something better for  
13 your witness as well?

14 A. The increase in the customer charge?

15 Q. Yes.

16 A. We base our proposal on spreading the  
17 same percentage increase in the customer charge  
18 that rates generally are increased in this case.

19 Q. Okay.

20 A. So if there's a six percent increase  
21 in rates generally the customer charge would  
22 increase by that same amount.

23 Q. All right. Thank you.

24 JUDGE WOODRUFF: Mr. Chairman did you  
25 wish, have any questions for Mr. Mitten?

1 CHAIRMAN KENNEY: No, thank you. And  
2 I apologize for being late.

3 JUDGE WOODRUFF: Thank you.  
4 Opening for Staff.

5 MR. ANTAL: Good afternoon, may it  
6 please the Commission.

7 My name is Alex Antal, I'll be giving  
8 the opening on class cost of service and rate  
9 design for the Commission Staff.

10 We have heard many arguments about  
11 how much money Ameren needs to get paid to cover  
12 its costs. Now we've changed our focus to who's  
13 going to pay that money and how that money will be  
14 paid. The two essential purposes of a class cost of  
15 service and rate design study are to one, determine  
16 the cost of serving an individual rate class by  
17 allocating utility costs on the basis of energy,  
18 demand and customer-related costs for the various  
19 individual classes based off of the principle of  
20 cost causation. The second is to how to best  
21 collect necessary costs through various charges for  
22 using Ameren's services. Now, as Mr. Mitten  
23 alluded to there are a lot, there are nine  
24 subissues in this issue, I believe that several of  
25 them can be covered from Staff's opinion

1 collectively so at this point I'm going to cover  
2 subissue A, allocation of generation fixed costs,  
3 B, the allocation of production, operation and  
4 maintenance expense, G, off system sales revenues  
5 and I, fuel and purchase power costs together.

6           Staff recommends using Staff's  
7 detailed BIP methodology. Staff notes in Ms. Sarah  
8 Kliethermes's rebuttal testimony that the  
9 methodologies of all the parties in this case are  
10 reasonable and if you want to see that comparison I  
11 would refer you to both her rebuttal and  
12 surrebuttal testimony and her tables 1 and 2 and  
13 the corresponding graphs. However, Staff believes  
14 it's detailed BIP method to be the most reasonable.  
15 Staff's detailed BIP class cost of service study is  
16 the most reasonable in this case because it  
17 recognizes the relationship between the cost of the  
18 plant's required to do, to serve various levels of  
19 demand and energy requirements relative to the cost  
20 of producing energy at those plants.

21           Now, what does all that mean? The  
22 BIP methodology which is an acronym for base,  
23 intermittent and peak, determines which of Ameren's  
24 plans are base serving, intermediate serving and  
25 peak serving plant and it comes up with the cost of

1 per megawatt of each of those plants to serve  
2 Ameren's utilities, or Ameren's customers, whereas  
3 the A&E class cost of service methodology that is  
4 used by the various other parties while a perfectly  
5 reasonable methodology only uses one price for the  
6 price of energy and one price for capacity.  
7 Ameren's witness, Mr. Warwick, states in his  
8 surrebuttal testimony the BIP method is one of the  
9 methods for production plant investment allocations  
10 that is listed in the National Association of  
11 Regulatory Commissioners Electric Utility Cost  
12 Allocation Manual. He goes on to state, it appears  
13 that the Staff's application of the BIP method for  
14 the Company's production plant results in an  
15 allocation that produces results similar to my  
16 study. Mr. Warwick's statements therefore show a  
17 clear indication of approval of Staff's class cost  
18 of service methodology. The only basis given by  
19 Mr. Warwick for accepting Ameren's methodology is  
20 that it is the study the Commission used to set  
21 rates in Ameren's last rate case. While  
22 consistency is certainly a factor that the  
23 Commission should consider with every issue what  
24 the Commission is obligated to do is to evaluate  
25 the information presented to it in each individual

1 rate case and determine what is the most reasonable  
2 class cost of service study for setting rates in  
3 that particular case. To merely defer to past  
4 practice when new and improved methods are  
5 presented to the Commission would leave the  
6 electric utilities and their customers ill-equipped  
7 to deal with the challenges of an ever-changing  
8 electricity market. In order for this Commission  
9 to be dynamic and responsive to the change in how  
10 electricity is generated and sold it must make a  
11 thorough review of new information in methods for  
12 calculating utilities in class cost of service.

13                   For these reasons Staff recommends  
14 the Commission find that Staff's detailed BIP class  
15 cost of service study most reasonable, the most  
16 reasonable that recognizes the relationship between  
17 Ameren Missouri's generation fleet characteristics  
18 and the capacity and energy requirements of its  
19 load and therefore is the most reasonable study for  
20 allocating generation of fixed costs, production,  
21 operation and maintenance expense, off system sales  
22 revenues and fuel and purchase power costs in this  
23 case.

24                   I'll now turn to subissue C, how  
25 should any rate increase be collected from the

1 several customer classes.

2 Staff's methodology for determining  
3 how rates should be collected has a multi-step  
4 approach which I will explain in brief.

5 The first step is to, is using the  
6 class cost of service results is to make revenue  
7 neutral adjustments to the various customer  
8 classes. Now, Staff is recommending that a  
9 positive revenue neutral adjustment be made of  
10 point 5 percent for the residential and LTS  
11 classes. Staff also recommends a negative revenue  
12 neutral adjustment of point 63 percent to the SGS,  
13 LGS and SPS classes. Ameren Missouri's witness  
14 does not disagree with these recommendations and  
15 states that Staff's proposal has merits if one's  
16 goal is to bring rates more in line with cost of  
17 service results. As I said earlier, one of the  
18 many principles of a class cost of service and rate  
19 design study is cause causation, what is the cost  
20 of serving an individual class and do the revenues  
21 that the utility collects match that cost. These  
22 revenue neutral adjustments will bring those levels  
23 closer together.

24 The next step that Staff proposes is  
25 to direct assign each applicable class the portion

1 of the revenue increase attributable to the  
2 amortization of energy efficiency programs from the  
3 pre-MEEIA program costs. Ameren does not disagree  
4 with this direct assignment although Staff and the  
5 Company's methods for assignment varied slightly.

6           The next step is to allocate the  
7 amounts of the approved revenue increase not  
8 associated with energy efficiency to the various  
9 customer classes on an equal percentage basis.  
10 Staff also recommends that the Commission should  
11 order Ameren Missouri's rate schedule to be uniform  
12 for certain interrelationships among the  
13 non-residential rate schedules that are integral to  
14 Ameren's Missouri rate design. It's Staff's  
15 understanding that Ameren is in agreement with this  
16 recommendation, and finally Staff recommends in  
17 rate design that each rate component of each class  
18 be increased for each class on an equal percentage  
19 basis absent the residential customer charge.  
20 Which leads me to the next subissue, number D.  
21 What should the residential customer charge be? As  
22 Mr. Mitten mentioned Staff recommends that the  
23 residential customer charge remain at \$8. Staff's  
24 recommendation is based off the Commission's  
25 guidance in Ameren Missouri's last rate case where

1 the Commission was concerned with maximizing the  
2 benefits of energy conservation efforts. Staff's  
3 class cost of service study resulting in the  
4 residential customer charge of \$8.11. Maintaining  
5 the current customer charge is unreasonable given  
6 this class cost of service result. Ameren's  
7 witness, Mr. Davis, tries to argue that the  
8 Company's recommended customer charge of \$8.70,  
9 again that's based off of their filed revenue  
10 increase, Mr. Mitten suggested that it's probably  
11 not at \$8.70 anymore, however, that's what it's  
12 filed as, is reasonable by comparing it to a  
13 hypothetical customer charge of \$20 which he  
14 calculates by including FIRC accounts 364 through  
15 368 which includes the cost of policy, overhead  
16 conductors, underground conduits and various other  
17 resources that typically serve more than one  
18 customer. This is an unreasonable hypothetical in  
19 that it has not been the policy of this Commission  
20 to include these costs in the residential customer  
21 charge. It is not unreasonable to collect these  
22 costs in the residential energy charge and  
23 therefore if the Commission wishes to continue with  
24 its past practice of maximizing the benefits of  
25 energy conservation the Commission should adopt the

1 \$8 residential customer charge.

2 Turning to the issue, subissue E.

3 Should the Commission approve Wal-Mart's proposed  
4 shift in the demand component of the hours used  
5 rates for the large general service and small  
6 primary service? Staff at this time does not  
7 support Wal-Mart's position. SGS and SPS classes  
8 combined include approximately 11,000 customers.  
9 Specific customer impacts of the proposal would  
10 need to be analyzed including the potential for  
11 rate switching. Wal-Mart's other proposal  
12 recommended that the Commission order the Company  
13 to provide analysis on alternatives to the hours  
14 used design in its next rate case, Staff believes  
15 that the hours used rate design is inappropriate,  
16 the demand rate design that focuses on the basis of  
17 the customer's monthly load factor, however, Staff  
18 does not oppose specific customer information in  
19 analysis on the alternatives to the hours used rate  
20 design in any future rate cases.

21 Finally, what methodology should the  
22 Commission use to allocate income tax expense among  
23 the customer classes? Staff recommends for this  
24 case the most reasonable method to allocate income  
25 tax expense to customer classes is to allocate

1 based on class earnings. Using Ameren's method for  
2 allocating income expense would reduce the  
3 residential customer charge in Staff's class cost  
4 of service study by approximately \$.50. Staff  
5 believes this method resulted in unreasonable  
6 allocation and therefore the Commission should  
7 adopt Staff's method for allocating income tax  
8 expense for this case.

9 Now Staff has four witnesses that  
10 will be taking the stand, I'll list them briefly,  
11 you have Mr. Mike Scheperle who has filed testimony  
12 giving an overview of Staff's class rate design and  
13 class cost of service study and he's also filed  
14 testimony on the Nuranda rate design proposal and  
15 Wal-Mart's rate design proposal in regards to  
16 Nuranda which he will be recalled for later in this  
17 hearing. Mr. Scheperle is also available to answer  
18 any questions about Staff's general policy on rate  
19 design or class cost of service.

20 We also have Ms. Robin Kliethermes  
21 who has filed testimony on the issue of residential  
22 customer charge and income tax allocation. Ms.  
23 Sarah Kliethermes who has filed testimony regarding  
24 the issues of Staff's detailed BIP class cost of  
25 service study, specifically the calculation of

1 generation fixed costs, production O&M expense,  
2 fuel and purchase power costs and off systems sale  
3 revenues.

4 Staff's final witness will be Mr.  
5 Brad Forston who has filed testimony on Wal-Mart's  
6 rate design proposal to the hours used rate design  
7 and Staff's recommendation for collecting any rate  
8 increase from the various classes.

9 Now do you have any questions, I'll  
10 be happy to answer them?

11 JUDGE WOODRUFF: Mr. Chairman?

12 Mr. Kenney?

13 COMMISSIONER KENNEY: Yes, thank you.

14 EXAMINATION

15 QUESTIONS BY COMMISSIONER KENNEY:

16 **Q. I just have one question. You say**  
17 **Staff recommends bringing rates in line per class**  
18 **cost in a revenue neutral setting, raise customer**  
19 **rates to more, to put them in line to where**  
20 **actually what the cost actually is, correct?**

21 **A. Yes. Generally speaking, yes.**

22 **Q. Okay. But on the same side you**  
23 **reject raising the customer rates, the class cost**  
24 **of service rate because, but that would, if you**  
25 **raised them it would put them more in line with**

1 where the cost was, wouldn't it? I'm just trying  
2 to understand the Staff. I know one thing, I  
3 wasn't on the Commission, I don't know, we might  
4 have had, maybe only one or two commissioners were  
5 on that past commission and I noticed that  
6 commissions are a lot like legislators and  
7 legislatures, they don't like to get beat up in the  
8 papers so my question to you is if it puts it in  
9 line to actually what the cost is why is Staff kind  
10 of taking a different approach on each of those?

11 A. Well, I think there are two things to  
12 consider. One is are you increasing the revenues  
13 to that class overall whether or not it be in the  
14 customer charge or the energy charge, if they're  
15 getting the appropriate increase then they're  
16 contributing to their class cost of service. As  
17 far as putting the entire increase on the energy  
18 charge as opposed to putting part of it into the  
19 customer charge as I said and as Mr. Mitten  
20 mentioned that Staff's position on the customer  
21 charge is based off the guidance given in the last  
22 Ameren rate case.

23 Q. Of that past commission.

24 A. Yes.

25 Q. Would a higher customer charge, would

1     **that give any better stability to the Company,**  
2     **financial stability?**

3             A.     A higher --

4             **Q.     Customer charge?**

5             A.     Higher customer charge? Yeah, I  
6     believe it would, it's guaranteed money that you  
7     know you're getting every month, it's not subject  
8     to fluctuations in people's energy usage and over,  
9     you know, while it may only be a few cents  
10    difference, you know, you have over a million  
11    customers, it adds up.

12            **Q.     Thank you.**

13                    JUDGE WOODRUFF: Mr. Hall?

14                            EXAMINATION

15    QUESTIONS BY COMMISSIONER HALL:

16            **Q.     Does the Commission have discretion**  
17    **in this area and if so how much?**

18            A.     I believe that the Commission does  
19    have discretion in setting, in rate design issues.  
20    It has to weigh a great number of factors, cost  
21    causation is one of those principles that has been  
22    around for a really long time but as has been  
23    discussed the Commission also has to consider  
24    issues of conservation, of affordability and as far  
25    as how much discretion the Commission has I think

1 the, if parties disagree with the Commission  
2 they'll try to test, they'll try to, you know, find  
3 out where the boundaries are in the appellate  
4 courts.

5 **Q. What is the guiding article 3**  
6 **discussion on the amount of discretion that the**  
7 **Commission has in rate design? Are there a couple**  
8 **of cases that you look to for direction on that**  
9 **issue?**

10 A. I have not reviewed Article 3 in  
11 preparation for this particular issue or this case  
12 but if that's something that the Commission is  
13 interested in I would be happy to brief it.

14 **Q. Okay. Thank you.**

15 JUDGE WOODRUFF: Thank you, sir.

16 For Public Counsel?

17 CHAIRMAN KENNEY: Hold on a second.

18 JUDGE WOODRUFF: I'm sorry, Mr.

19 Chairman.

20 EXAMINATION

21 QUESTIONS BY CHAIRMAN KENNEY:

22 **Q. Thanks for the discussion, just a**  
23 **really brief question.**

24 **General proposition if we were to**  
25 **raise the customer charge, I think we established**

1 that that would provide the utility more stability  
2 but does it disincentivize consumers, ratepayers,  
3 to be more efficient?

4 A. I would say to some extent, yes.  
5 When you're not increasing the variable, the  
6 variable rate, if a higher variable rate will  
7 increase the incentive to invest in energy  
8 efficiency measures so long as the customer has the  
9 ability to invest in those measures.

10 Q. So as a general proposition with  
11 respect to rate design we need to balance economic  
12 principles of cost causation in trying to ensure  
13 that ratepayers are paying their cost of service,  
14 we have to balance that with these various public  
15 policies promoting energy efficiency as well,  
16 correct?

17 A. That is correct.

18 Q. Okay. In terms of our discretion is  
19 it quantifiable, I mean so long as we're not  
20 arbitrary and capricious we have discretion, right?

21 A. Yes.

22 Q. Okay.

23 Thank you.

24 A. Thank you.

25 JUDGE WOODRUFF: Thank you.

1 Public Counsel.

2 MR. ALLISON: May it please the  
3 Commission.

4 Dividing up the pie is never easy,  
5 I've certainly found that in the last eight months,  
6 this is probably the most challenging part as the  
7 Public Counsel representing theoretically and other  
8 people have their own particular counsels in this  
9 case, every class, so trying to find the right  
10 calibration I think for myself, and I don't envy  
11 your task either, has been a challenge. I'm going  
12 to deal with the questions I think in two parts,  
13 I'm going to answer bottom line up front, does  
14 Public Counsel support increasing the customer  
15 charge, no, and do we support reallocating within  
16 the classes irrespective of the revenue requirement  
17 increase do we support reallocating in the customer  
18 classes, the answer is no. I think Ameren on the  
19 second issue is consistent with our position in  
20 that respect, that this isn't the time and isn't,  
21 irrespective of the class cost of service study  
22 results, and they are what they are, we'll discuss  
23 that more in a moment, that, you know, reallocating  
24 within the classes isn't merited for all the public  
25 policy reasons with respect to rate consistency,

1 rate shock and other matters in terms of how that  
2 impacts the customer, that's not necessarily  
3 required here. I differ with Ameren, however, on  
4 the customer charge. Though I would offer what is  
5 perhaps a limiting construction, you know, the  
6 amounts that we're talking as a practical matter  
7 are the difference between \$8 and \$8 and somewhere  
8 near 50 cents and probably, you know, hopefully  
9 going down. You know, in that respect I'm not  
10 certain that this Commission needs to go back  
11 necessarily and revisit questions of the right  
12 price signals for conservation or not. I think you  
13 may be, and the Commission may find itself that  
14 within that range this may be relatively de  
15 minimus. I think you compare this to the last case  
16 the customer charge request in the last case I  
17 think was to move from \$8 to \$12, a 50 percent  
18 increase, and there I think the conversation was  
19 much more about are you sending a conservation  
20 price signal or not, is that appropriate, what is  
21 the right balance between fixed costs and variable  
22 costs and how is that reflected in the customer  
23 charge. But here where the proposal I think is  
24 rather small in the beginning and hopefully on its  
25 way down it may be that the Commission will find

1 that that is, it's not necessary to tackle the last  
2 Commission's decision in that respect. I offer that  
3 for what it's worth. I certainly concur I think  
4 with the sentiment, however, that a higher customer  
5 charge sends the wrong conservation signal  
6 generally and you can I think get to some number in  
7 which it is material and that you are sending the  
8 wrong conservation signal. I also I think concur  
9 that with Staff's opinion that when Ameren talks  
10 about fixed costs and when customers talk about  
11 fixed costs in relationship with the customer  
12 charge I think Ameren's definition of fixed costs  
13 is very expansive, includes poles and includes a  
14 lot of other things that aren't relevant to the  
15 individual customer, the meter reading, the  
16 billing, the postage, the meter itself, those  
17 charges, those are the types of fixed costs that we  
18 think, and we agree with Staff, should be in the  
19 customer charge. I know again that Staff's  
20 analysis of that result leads to a customer charge  
21 of \$8.11 which is right at where we are now.

22 So from that perspective I just want  
23 to offer I think those perspectives from PC's  
24 position on that.

25 With respect to reallocations among

1 the classes again the, there are five, I think  
2 Ameren said four, there are five class cost of  
3 service studies in the case from various parties,  
4 OPC submitted two. There is a methodology that OPC  
5 -- pardon me, just one second.

6           There is a methodology that OPC has  
7 traditionally employed that we feel is important to  
8 have on the record to the Commission that we feel  
9 is an important counterbalance to what is  
10 otherwise, what are otherwise methodologies that  
11 may implicitly bias high load factor, high use  
12 customers so it's an important, people talk about  
13 our methodology or the contested methodology OPC  
14 used which is the ANCP method that has somehow  
15 double counting. It is not double counting but  
16 simply a different theoretical basis upon which one  
17 performs a class cost of service study and it is  
18 one that is recognized by the NARUC manual.  
19 Recognized, however, that that particular  
20 methodology in the past has been subject to this I  
21 think Commission's criticism, we wanted to make  
22 sure that we were offering I think another  
23 methodology from our perspective that is also  
24 helpful for the Commission. I think when the  
25 Commission looks at this, and Staff does a great

1 job of this I think in their report, when the  
2 Commission looks at these five studies, you know,  
3 as Staff says they're all in the range of  
4 reasonableness and you can see I think a pattern,  
5 you're looking at a portrait and you can see I  
6 think, you know, where the lay of the land is  
7 generally and I think from a general perspective  
8 they're all relatively in agreement and so the task  
9 of this Commission is to decide, you know, which it  
10 finds I guess most compelling or the basis upon  
11 which it will enter rates and from that perspective  
12 I don't think that there's anything inherently  
13 unreasonable about our position and in fact I think  
14 eminently reasonable about either of the two  
15 studies that we've put forward and so I just, I  
16 think there's been a lot of conversation about that  
17 and I just wanted to make sure that we had  
18 clarified that and perhaps the rationale for why we  
19 submit two studies, of course we have our preferred  
20 method which is the traditional method we have used  
21 but I'm not going to bang my head against the wall  
22 expecting a different result in every case so I  
23 want to be responsive to what the Commission said  
24 in the past, and while continuing to preserve the  
25 record as we think it needs to be preserved.

1                   With that I would just offer, you  
2 know, there is some conversation with respect to  
3 the revenue requirement itself, I think, I don't  
4 hear much disagreement that the revenue requirement  
5 increase should be applied in anything other than  
6 an equal percentage of that basis across all the  
7 classes and so if you're looking at these three  
8 issues, customer charge, how do you deal with the  
9 revenue requirement issue and how do you deal with  
10 any existing disparity between the classes, I  
11 think, I hope I've kind of distilled where I think  
12 the most important disagreements are from OPC's  
13 perspective.

14                   With that I'm happy to take any  
15 questions.

16                   JUDGE WOODRUFF: Mr. Chairman?

17                   MR. CHAIRMAN: No questions, thank  
18 you.

19                   JUDGE WOODRUFF: Commissioner Kenney?

20                   EXAMINATION

21                   QUESTIONS BY COMMISSIONER KENNEY:

22                   **Q. Thank you, Mr. Allison. I had a**  
23 **question for you.**

24                   **I appreciate you giving me the**  
25 **history because I had forgotten that when I studied**

1 the last case that they were asking for a 50  
2 percent increase.

3 A. They were.

4 Q. Do you know or can anyone tell me  
5 what the average company wide monthly annualized  
6 bill is to an Ameren residential customer? The  
7 monthly analyzed bill, what the average is, does  
8 anybody have an idea or do you know that?

9 A. I'm assuming that an Ameren expert  
10 will be able to testify to that.

11 MR. DAVIS: It's \$104 before the  
12 increase.

13 Q. (BY COMMISSIONER KENNEY) \$104  
14 average.

15 A. And I'm sure that will come in in  
16 sworn testimony at some point.

17 Q. Yeah. To me that brings up whether  
18 it was a \$10 customer base or 8.50 or 8.75, it  
19 really is minimum and I think that does, I  
20 understand from the Company's standpoint in having  
21 a fixed income is much better than having a  
22 variable and I also understand it affects each  
23 class within that class differently.

24 A. Sure.

25 Q. If you're a low income person I

1 understand having a scenario like that but I know  
2 within that class there's also a lot of people like  
3 me who have \$200 bills every month, so, anyway.

4 A. Absolutely. I guess to the extent, I  
5 just offer to the extent there was a question there  
6 we generally concur with the proposition that we  
7 should be incentivizing, you know, the best way to  
8 keep a cheap bill is to not use as much electricity  
9 and it also has a side benefit of encouraging  
10 conservation so from OPC's perspective on price  
11 sensitivity we want to do things that encourage  
12 customers to make smart choices about usage and a  
13 low energy, a low customer charge helps to do that.

14 Q. I understand that. But I doubt on a  
15 \$104 bill, whether it's \$104 or \$8 it's not going  
16 to make a difference, it makes minimal difference  
17 for someone to say I'm going to save money, I'm  
18 going to try to save, I'm going to get, like me I  
19 put in over 70 LED light bulbs in my house when I  
20 redid this house, you know, so I'm saving money  
21 there and I've taken the steps but it cost me a lot  
22 of money to do it.

23 A. I think that at the local public  
24 hearings there may be testimony about the customer  
25 charge and I know there was in the last case and

1 we'll certainly be mining that before the briefs in  
2 this case.

3 **Q. I think it breaks down more along**  
4 **income lines.**

5 A. It may, and by the way, I think  
6 that's a great segway into what I think Ameren's  
7 proposing with the MEEIA low income exemption and  
8 as I mentioned before the hearing started I thought  
9 that was constructive and OPC certainly appreciates  
10 that effort on Ameren's behalf and I'm going to  
11 call it as best I see it as best I can, when I  
12 think they're wrong I think they're wrong, in that  
13 instance I think they're right and I appreciate  
14 that perspective.

15 JUDGE WOODRUFF: Commissioner Hall?

16 EXAMINATION

17 QUESTIONS BY COMMISSIONER HALL:

18 **Q. First of all I appreciate your**  
19 **pragmatic very reasoned discussion of the customer**  
20 **hearings at the B&A, that was helpful and I**  
21 **appreciate that.**

22 A. Uh-huh.

23 **Q. I do have one question though and**  
24 **that is if we were to increase the customer charge**  
25 **wouldn't that provide an incentive to Ameren to**

1 **promote conservation?**

2 A. Well, I think we do have incentives  
3 to Ameren with respect to the Energy Efficiency Act  
4 that helped to promote conservation --

5 **Q. Wouldn't that further incentivize it?**

6 A. You know, I think the interplay  
7 between the customer charge and what we have in the  
8 incentive structure and the Energy Efficiency Act  
9 is an interesting question.

10 **Q. The difference between 8 and \$10 to a**  
11 **customer may not be that much and that may not be a**  
12 **price signal sufficient to change behavior but if**  
13 **you're talking 20, \$30 million that is a price**  
14 **signal that might be sufficient to change behavior.**

15 A. I concur. I think we'll have  
16 witnesses up here who will be able to talk about  
17 price better than I can, the interplay between  
18 MEEIA, where we are with MEEIA right now, where  
19 we're going with MEEIA in cycle 2 and how that  
20 might be relevant to the customer charge question  
21 and so without digging myself into a hole I think I  
22 ought not to talk about something that I don't  
23 know, I'm going to defer to them but I take your  
24 question as a good one and one that certainly we're  
25 going to need to confront as we move forward.

1 Q. Thank you.

2 A. Thank you.

3 JUDGE WOODRUFF: Thank you.

4 Opening for MIEC.

5 MR. DOWNEY: Good afternoon, may it  
6 please the Commission.

7 MIEC has only one witness on the  
8 class cost of service issue and that witness is  
9 Morris Brubaker. I would submit he's one of the  
10 most highly respected utility experts in Missouri,  
11 I'd encourage you to ask him questions,  
12 particularly on many of the technical issues that  
13 go to the method of allocating costs.

14 As Mr. Thompson discussed in his  
15 general opening statement we're at that phase where  
16 we're determining how to allocate the cost of any  
17 rate increase amongst the various customer classes,  
18 like determining the revenue requirement this is a,  
19 also a difficult issue. You've been presented with  
20 a number of methods for allocating costs but the  
21 Commission should continue to accept the average  
22 and excess demand with the four coincident,  
23 non-coincident peaks referred to as A&E dash 4 NCP,  
24 that's the method that you have accepted in prior  
25 cases, it is also recognized in the NARUC manual.

1 It's the most reliable and its mainstream and it is  
2 the method employed by both Ameren Missouri and the  
3 MIEC.

4 I'd like to turn to the OPC's  
5 proposal which is a peak and average allocation  
6 method. If you read the testimony, which of course  
7 you will, or already have, you'll see that that  
8 over allocates costs, particularly to high load  
9 factor customers and it double counts, double  
10 counts costs. Now that the Staff's proposed  
11 studies, it's offered three studies, the detailed  
12 BIP which is for base, intermediate and peak, the  
13 modified BIP and energy market study it principally  
14 focuses on the detailed BIP study. Two of the  
15 three studies have not been previously offered to  
16 this Commission, that's the detailed BIP and market  
17 and the third although similar in name the studies  
18 previously offered contains a number of different  
19 allocations. The modified base intermediate peak  
20 study offered is similar in name to what has been  
21 covered by Staff in several previous cases but the  
22 allocations used for a number of revenues and  
23 expenses are different from before and the reasons  
24 they're different are really not explained in any  
25 of the testimony of Staff. The market study

1 offered by Staff is totally of its own design and  
2 has no historical precedent, it allocates fuel cost  
3 using energy price at LMP nodes. The detailed base  
4 intermediate peak method, which is the one I  
5 believe Staff focuses on, has never been offered to  
6 this Commission before. Although you will hear  
7 that some version of this method may have been  
8 presented to the Commission before and maybe even  
9 Staff will point out that in the most recent Kansas  
10 City Power & Light decision the Commission adopted  
11 a revenue allocation proposal of one of the parties  
12 that was based partly, just partly on a different  
13 version of the BIP method. The particular method  
14 here is different than any others that have been  
15 proposed. None of the methods proposed by Staff  
16 are in the mainstream and they all lack support.  
17 Only the average in excess 4 NCP method presented  
18 here by Ameren Missouri and MIEC is within the  
19 mainstream and a reliable indicator of cost of  
20 service.

21                   So that's the main issue we address.  
22 Today the secondary issue we address five of the  
23 nine, but I want to focus on the two main ones, the  
24 second is how do you allocate fuel costs and off  
25 system sales revenues. Both Staff and OPC propose

1 allocators of revenues from off system sales that  
2 differ from the method previously accepted by this  
3 Commission. The method previously approved is to  
4 allocate revenues and costs associated with off  
5 system sales on a kilowatt hour or energy basis.  
6 This approach recognizes the non-firm nature of  
7 these sales and is consistent with general industry  
8 practice. This method was used by both Ameren  
9 Missouri and the MIEC. Staff allocates the fuel  
10 associated with off system sales to retail  
11 customers on a kilowatt hour basis but uses some  
12 notion of capacity responsibility to allocate the  
13 margins. There is no basis for this separation  
14 because capacity is not dedicated to serve off  
15 system sales. These off system sales are of  
16 opportunity that occur when system economic  
17 conditions are favorable. OPC proposes to allocate  
18 all of their revenues from off system sales using a  
19 demand basis despite having allocated the energy  
20 costs associated with off system sales on an energy  
21 basis. There's a significant mismatch there and  
22 the resulting study is significantly warped.  
23 Putting aside the Nuranda issue until next week the  
24 MIEC recommends that its members, the LPS and LTS  
25 classes receive the system average percentage

1 increase.

2 JUDGE WOODRUFF: Mr. Chairman any  
3 questions?

4 CHAIRMAN KENNEY: No questions.  
5 Thank you.

6 JUDGE WOODRUFF: Mr. Kenney?

7 COMMISSIONER KENNEY: No questions.

8 JUDGE WOODRUFF: Mr. Hall?

9 COMMISSIONER HALL: Just a few.

10 EXAMINATION

11 QUESTIONS BY COMMISSIONER HALL:

12 Q. Good afternoon.

13 A. Good afternoon.

14 Q. I understand from your opening and  
15 also from Mr. Brubaker's testimony that it is  
16 important when the Commission is designing rates to  
17 be focused on cost of service. My question to you  
18 is is that legally mandated?

19 A. As you know from the 0224 case and  
20 the Nuranda issue in this case there are issues  
21 where I think you can depart from that but  
22 generally I believe that is what you need to do.

23 Q. And what is the standard that a  
24 reviewing court would apply to a Commission  
25 decision that deviated from cost of service?

1           A.       I think the question would be rather  
2 the rates that you set are just unreasonable rates,  
3 whether they're based on competent and substantial  
4 evidence, whether there's, you know, full  
5 compliance with the law and I would say the law  
6 prohibits undue discrimination and, so the question  
7 is also, you know, factor of weighing various  
8 interests but the question is also going to be what  
9 is in the best interest of rate bearers.

10           **Q.       Okay. Thank you.**

11                   JUDGE WOODRUFF: Thank you, sir.

12                   Consumer's Council.

13                   MR. COFFMAN: Good afternoon, may it  
14 please the Commission.

15                   When it comes to rate design the  
16 Commission has considerable discretion, I don't  
17 think I agree with Mr. Downey, the standard rate  
18 design is just and reasonable rates. We do have an  
19 undue discrimination statute but cost causation is  
20 just one of several factors that you are to take in  
21 to account based on the literature and the case  
22 law. In addition to cost causation it has been  
23 suggested in previous cases and in testimony that  
24 equity, fairness, public acceptability, gradualism,  
25 affordability as well as encouraging energy

1 conservation are all public policy goals that you  
2 can further through rate design.

3 COMMISSIONER KENNEY: So it means we  
4 can do anything, right?

5 MR. COFFMAN: You have considerable  
6 discretion, yes.

7 COMMISSIONER KENNEY: Thank you.

8 MR. COFFMAN: And, your decision  
9 should be based on the evidence. In this case of  
10 course you have to some degree these various public  
11 policy goals and the support to them in the  
12 testimony of different parties.

13 With regard to the residential class  
14 I would recommend that you look at Public Counsel's  
15 testimony, they have quite a bit in their testimony  
16 as to these other factors as well as the local  
17 public hearing testimony which I think you can take  
18 into account and this is evidence in the case.

19 It's, you know, class cost of service is of course  
20 not a precise science either. It's a good starting  
21 point but I think has, you know, as the results in  
22 this case show you that experts, you're working  
23 diligently in trying to apply different principles  
24 can come to different results. There is, you know,  
25 very often a party or maybe a utility will come

1 before you and say we've got to move the costs, you  
2 know, we've got to move rates so that they  
3 represent the costs but that's just from one  
4 perspective. It's from the eye of the beholder as  
5 to what it is and you may have heard those who are  
6 proponents of the straight fixed variable rate  
7 design perhaps, talking about all the fixed costs  
8 should go into a fixed charge and variable costs  
9 should go into variable, who can argue with that,  
10 it sounds so logical. But what it doesn't tell you  
11 is why a particular fixed cost is as high as it is.  
12 Saying that you go on a fixed cost is implying that  
13 you should apply that same amount per customer  
14 although each customer applies a different load or  
15 different demand on the system and the particular  
16 load that you have is very important as to why a  
17 particular fixed cost, say a power plant or some  
18 other facility, is as large as it is so customer  
19 accounts are not the only factor that we believe  
20 you should apply and let me just spend most of my  
21 time here talking about the customer charge because  
22 that, from a policy perspective that is a very  
23 important issue to the Consumer's Council of  
24 Missouri. One reason is that we hear about it from  
25 customers so often. That is because it's an issue

1 they understand and many customers feel a deep  
2 seated sense of fairness about it and it also is  
3 something that gets for customer control. The  
4 higher the fixed charge is the less that customer  
5 is going to be able to control the size of their  
6 bill through their conservation efforts. Of course  
7 this is an issue that's totally within the  
8 residential class. It really theoretically  
9 shouldn't be a concern to any other customer class  
10 or even to the utility, Ameren Missouri. It's an  
11 issue between small users and large users, between  
12 people who live in mansions and people who live in  
13 apartments. The bulk of low users are, or I'm  
14 sorry, the bulk of low income customers are low  
15 users, the bulk of senior citizens over 65 are low  
16 users. This also includes others, that's a  
17 generalization but a lot of customer  
18 characterizations that you might consider to be  
19 vulnerable customers are on that low end but I  
20 think there's an overriding sense amongst a lot of  
21 customers that this is, you know, that the more the  
22 rate is based on their usage and not a charge that  
23 they have to pay even before they turn on the light  
24 switch at the beginning of the month gives them  
25 more control, at least they know if they take

1 conservation efforts they will be fully rewarded  
2 and the more you reduce the volumetric charge and  
3 raise the flat fee the less full value that they  
4 get and in this case the issue is not as large as  
5 it is in other issues, the difference between \$8  
6 and say 8.50 is not that large but it is an  
7 important principle and you'll probably have other  
8 issues in front of you where the issue is much  
9 sharper and the disagreement is much more vocal and  
10 loud but I would suggest to you that there are  
11 people on the low end, the low users where this 50  
12 cents is something that they notice. It's not a  
13 minimal amount. To someone who lives in an  
14 apartment and is having to still conserve, you  
15 know, very carefully they would like to get the  
16 full benefit of their conservation efforts.

17 I mean I take Ameren Missouri at its  
18 word where it says it just wants to send a rational  
19 pricing, just wants the customer charge to be  
20 closer to what their costs, their cost study shows  
21 but I also know that the other utilities have other  
22 motives and the Edison Electric Institute has been  
23 beating the drum about raising the customer charge  
24 here lately and I think the reason is it provides  
25 more guaranteed revenue, it provides more revenue

1 stability and that is a risk factor and to the  
2 degree that it reduces the utility's risk of  
3 getting a certain amount of revenue it increases  
4 the risk to customers. It's another one of these  
5 issues that I think is a risk shifting issue and  
6 you should consider in terms of the load return on  
7 equity.

8 That's the main thing I wanted to  
9 emphasize and just hope as you think about this  
10 issue you'll think about the low users.

11 JUDGE WOODRUFF: Certainly. Thank  
12 you.

13 Mr. Chairman?

14 CHAIRMAN KENNEY: No questions.  
15 Thank you Mr. Coffman.

16 JUDGE WOODRUFF: Mr. Kenney.

17 EXAMINATION

18 QUESTIONS BY COMMISSIONER KENNEY:

19 Q. Mr. Coffman, maybe just two  
20 questions.

21 You support IPC's position on -- I  
22 got the wrong one.

23 A. I think Consumer's Council  
24 supports --

25 Q. Are you on OPC 2 or 1 on their class

1 cost of service, on their fixed cost among classes?  
2 There's the one, the OPC 2 was A&E 4 NCP and that's  
3 kind of the same as MIEC and the Company and then  
4 OPC 1 was the P&A 4 CP which is completely  
5 different. It's much lower in residential, so  
6 that's probably the one you support?

7 A. Yes.

8 Q. I just wanted to make sure.

9 I have a question, my ignorance. Do  
10 we have any low income riders, Ameren have any low  
11 income riders on their tariffs?

12 A. Well, there is the Keeping Cool  
13 Keeping Current program that is, has been going on  
14 now for I don't know how many years, a couple of  
15 rate cases. It provides around \$2 million of which  
16 the utilities contribute and all customer classes  
17 contribute to some degree and is a supplemental  
18 amount of money that helps out.

19 Q. And who manages that?

20 A. There's a collaborative.

21 Q. That's good enough, that's all you  
22 got to say, collaborative.

23 A. All right.

24 Q. So is the main issue on the, I think  
25 you kind of said it, we're dealing with the grandpa

1     **who's living on the \$800 pension and then those are**  
2     **apartment dwellers who are low income.**

3             **Q.       With the customer charge issue.**

4             A.       That's right.

5             **Q.       Okay. Thank you very much.**

6                     JUDGE WOODRUFF: Commission Hall?

7                     COMMISSIONER HALL: Yes.

8                                     EXAMINATION

9     QUESTIONS BY COMMISSIONER HALL:

10            **Q.       If you could waive a magic wand and**  
11     **make it so would you omit the customer charge**  
12     **completely?**

13            A.       I think a small customer charge is  
14     fair. I mean there's hardly any dispute over  
15     billing, postage meters, after that --

16            **Q.       Billing, postage and meters so you**  
17     **would design a customer charge to cover just those**  
18     **three?**

19            A.       Uh-huh. Yes. And I think it's  
20     entirely appropriate to consider energy efficiency  
21     and conservation as a reason to keep the customer  
22     charge low. I mean to me I don't understand the  
23     logic of how raising the customer charge can  
24     somehow provide an incentive.

25            **Q.       I think what Mr. Mitten said is it**

1 **provides a correct incentive.**

2 A. Perhaps it reduces some disincentive  
3 or, some degree, but. As far as price signal the  
4 higher the customer charge the less incentive there  
5 is to engage in energy efficiency and conservation.

6 **Q. Okay. Thank you.**

7 JUDGE WOODRUFF: Thank you.

8 MECG.

9 MR. WOODSMALL: Good afternoon, thank  
10 you. My name is David Woodsmall here for Midwest  
11 Energy Consumers Group and in the interest of full  
12 disclosure I just wanted to let you know that my  
13 clients all take service from Ameren under the LGS  
14 SP rate class as well as the large primary rate  
15 class so when I'm talking about the different class  
16 cost of service studies and their results you will  
17 hear me emphasize the results as it applies to  
18 those classes. So that's the reason why.

19 In this presentation I'm going, there  
20 are nine issues on the issue list here today and  
21 I'm going to be talking about two issues primarily  
22 with some brief comments at the end about another  
23 one.

24 The first issue I'm going to talk  
25 about is issue 19(A) and that is what methodology

1 should the Commission use when it goes to allocate  
2 generation fixed costs among the customer classes?  
3 Second issue I'll talk about is 19(C), how should  
4 any rate increase be allocated, and finally like I  
5 said I'm going to have some brief comments at the  
6 end regarding Wal-Mart's proposal for rate design  
7 changes within the LGS rate class.

8           So how do we allocate costs among the  
9 rate classes? As someone said there's several  
10 parts to the case, the first part of the case is  
11 how much does the utility get. Once we know how  
12 much they get the second part and the part we're  
13 here to address today is who pays for it? If the  
14 utility gets a \$100 million rate increase how do  
15 you divide that up amongst the six classes, seven  
16 classes that are served and what we use is a class  
17 cost of service study and here's a quote out of  
18 Ameren's testimony about what a class cost of  
19 service study is: It equitably allocates the  
20 various costs identified in the utility's cost of  
21 service to the various rate classes of the utility.  
22 It identifies as accurately as possible the cost  
23 that is incurred to serve each of the customer  
24 classes. And the class cost of service study looks  
25 at every possible cost and it will look at debts,

1 it will look at salaries, but the big issue, given  
2 this is an electric utility the big issue is how do  
3 you allocate the cost of a Wolf Creek, the cost of  
4 the degenerating units so that is the issue that  
5 really drives these class cost of service studies  
6 and is the reason for any differences. So when I  
7 talk on this case, on this issue, I'm going to be  
8 talking about the issue of how you allocate  
9 production costs. And there's various ways -- I  
10 jumped ahead.

11                   There's a large variety of production  
12 plant allocation methodologies and they fall in a  
13 spectrum. At one end of the spectrum are those  
14 allocation methodologies that rely primarily on  
15 energy usage and that helps the low load factor for  
16 customers. The other ends of the spectrum are  
17 allocations that rely more on demand and that helps  
18 the high load factor customers.

19                   The primary questions you need to ask  
20 yourself then when you're looking at this allocator  
21 how and why do utilities build power plants? Do  
22 they build power plants just to meet the energy  
23 needs of their customers or do they build power  
24 plants looking at what that demand is, the demand  
25 during the summer? Energy versus demand. Why are

1 they building these power plants? And that will  
2 drive your decision here.

3 In the last time the Commission made  
4 a statement on this was in the 2010 rate case and I  
5 take your position Commissioner Kenney, you know it  
6 is a different commission but you can get some  
7 guidance from previous commissions and in that case  
8 the Commission said, you know, it's both energy and  
9 demand and we need to make sure that we don't  
10 double count the energy component and so given that  
11 the Commission explicitly said we're going to use  
12 the average in excess allocator and that was  
13 methodology used in that case by Ameren and MIEC  
14 and the same allocator that's used by them today.

15 And here's a quote out of Ameren's  
16 testimony here, and this is why they use the  
17 average in excess and it ties back to whether you  
18 build plants to meet energy or demand needs. Quote  
19 out of Mr. Davis's testimony, generally system peak  
20 demands and to a somewhat lesser extent excess  
21 customer demands are the motivating factor which  
22 influence the amount of capacity the Company must  
23 add to its generation system. System peak demands  
24 drive the company building power plants. Mr.  
25 Brubaker echoes this. In his testimony, page 27, I

1 will make my recommendations based on the A&E  
2 method. It considers the maximum class demands  
3 during the critical time period and is less  
4 susceptible to variations. So again it is demand  
5 that drives the need to build these power plants  
6 and it should be the class, the customer class's  
7 demand which drives the allocations of those costs.

8           So then we have a question, okay,  
9 which version of the average and excess methodology  
10 do we use and please disregard the second point  
11 there, I noticed that I was wrong on that, Public  
12 Counsel did not use the 12 CP version, so ignore  
13 that but here is Ameren's peak demands, monthly  
14 peak demands during a year and you can see from  
15 this chart that the months that are driving their  
16 generation decisions are the summer months. You  
17 can see during June through, June, July, August and  
18 September those are the peak months that are  
19 driving their decisions so those are the months you  
20 should look at when you go to allocate production  
21 plants. So when you hear someone say use the  
22 average in excess methodology, the 4 NCP, the 4 NCP  
23 is referring to how many months do you look at.

24           Now I will tell that you there are  
25 other utilities that don't peak just during the

1 summer, they'll have a summer and winter peak, in  
2 that case it may be appropriate to use six months,  
3 it may be appropriate to use 12 months but for the  
4 facts here today Ameren is a summer peaking utility  
5 and their summer peaks are what drive their  
6 decision to add capacity so it's the 4 NCP version  
7 of the average in excess that's most appropriate  
8 and that's the version that the Commission had  
9 found appropriate before. And you see that, and  
10 again a quote from Mr. Davis's testimony, the 4 NCP  
11 version of the average and excess methodology which  
12 uses the four maximum non-coincident monthly peak  
13 demands to each customer class during the test year  
14 was selected due to the fact that 15 of 20 maximum  
15 monthly demands for the Company's major customer  
16 classes occurred during the Company's summer peak  
17 months of June through September.

18 So that is the production allocator  
19 and again we encourage you to use the 4 NCP version  
20 of the average in excess methodology and here's the  
21 reason why: The Commission previously adopted it.  
22 In 2010 the Commission considered this a great debt  
23 and it was the methodology used by the Commission  
24 there. It's agreed to by both Ameren and MIEC, it  
25 tells you something when the utility and the

1 customer agree on the same point. Third, it  
2 considers as the Commission said was appropriate,  
3 it considers both the peak demand, the customer,  
4 class customer peak demand and energy produced as  
5 drivers of capacity additions and finally it  
6 focuses on the four summer months that drive the  
7 need for capacity additions.

8           So now that we've discussed that  
9 let's go to the second part, 19(C). How should you  
10 allocate any revenue increase in this case? And I  
11 want to be real clear about a point here. The  
12 results you'll see in all these studies are called  
13 revenue neutral results. What does that mean?  
14 Revenue neutral results mean it is the shifts you  
15 make prior to the utility's rate increase so let's  
16 say you believe that there's a revenue neutral  
17 decrease to the large general service small primary  
18 class of two percent, their rates should come down  
19 two percent. But then you say Ameren deserves a  
20 five percent rate increase, you give two percent  
21 then you add five percent they'll get a three  
22 percent increase so the revenue neutral result is  
23 how much of a shift do you make prior to any  
24 authorized revenue requirement increase for the  
25 utility. So all these results are revenue neutral,

1 they are prior to what you authorize the utility to  
2 get.

3           And you'll see here an MIEC study,  
4 again both of these MIEC and Ameren both use the 4  
5 NCP version of the average and excess methodology  
6 and you see remarkable correlation and again like I  
7 was telling you my focus is on large GS, SP and  
8 large primary and you see for the large general  
9 service small primary rate classes that one says  
10 that they are currently paying rates that are 7.7  
11 percent above costs, they need almost an 8 percent  
12 rate reduction to get back to costs. The other  
13 says 7.44 percent. So both agree that this class  
14 is paying rates well above costs and I'll  
15 demonstrate in the testimony or the evidence that I  
16 get in data requests and that I put in the brief  
17 that this has been going on for eight years. This  
18 subsidy has been lingering forever. The other part  
19 is when you look at the large primary class really  
20 they don't need any revenue neutral changes, one  
21 says they're a half a percent above costs, one says  
22 they're a half a percent below costs, so they're  
23 paying base rates now so given this it's our  
24 position that large primaries should not receive  
25 any revenue neutral shifts.

1                   You'll see the same thing in regard  
2 to lighting. One says they're within \$3,000 of  
3 their actual costs, I mean you can't get any closer  
4 than that. So you can make some conclusions by  
5 looking at the MIEC and Ameren studies that use the  
6 same methodology.

7                   Let's look at another one. Staff  
8 uses a different methodology, I won't go into the  
9 problems with their methodology, I believe Mr.  
10 Downey covered that and covered it very well but  
11 you can draw the same conclusions by looking at  
12 their study. Again you'll see large general  
13 service small primarily paying rates that are well  
14 above their cost of service, in this case five  
15 percent. They need a five percent revenue general  
16 reduction just to get them to costs. And then  
17 again large primary virtually right on top of their  
18 actual cost of service. OPC study, and this is the  
19 study, not their historic study they've used but  
20 the average in excess you're going to see the same  
21 conclusions. Large general service 6.05 percent  
22 above costs, large primary within two percent of  
23 costs. So every class cost of service study in  
24 this case shows that large general service, small  
25 primary significantly above costs, definitely

1 needing some revenue neutral rate shifts and large  
2 primary being basically right at costs so given  
3 that it is our position that the answer to issue  
4 19(C) is there are, there's a need for revenue  
5 neutral shifts to the benefit of large general  
6 service small primary.

7                   Finally I wanted to make some brief  
8 comments about Wal-Mart's LGS rate design issue and  
9 you heard Ameren talk about that briefly. What I  
10 want to say is I find it interesting that Ameren  
11 wants to, when they talk about the residential  
12 customer charge Ameren wants to increase the  
13 residential customer charge in order to move fixed  
14 costs out of the residential energy charge. Moving  
15 fixed costs out of the energy charge, move them  
16 into the customer charge yet when Wal-Mart makes  
17 that same proposal for LGS Ameren resists. Simply  
18 said by including fixed costs in the LGS energy  
19 rate the Commission is sending bad price signals.  
20 First the Commission is indicating that energy  
21 costs are more expensive than they really are. You  
22 have fixed costs in there, it's not just energy  
23 you're collecting, you're collecting fixed costs so  
24 you're telling the customer energy costs are higher  
25 than they really are but secondly and more

1 importantly is you are sending a wrong price signal  
2 with regard to the demand charge. Unlike the  
3 residential rate design the LGS rate design has a  
4 customer charge, it has a demand charge which is  
5 designed to capture the cost of production plant  
6 and it has energy charges so if you take fixed  
7 costs out of the demand charge and put it into the  
8 energy charge you're inflating the energy charges  
9 but you're deflating the demand charges so you're  
10 sending the signal that energy is more expensive  
11 than it is but you're also sending the signal that  
12 demand is cheaper, that capacity, that the cost to  
13 build power plants is cheaper than it actually is  
14 so customers, large general service customers that  
15 could take actions to decrease demand, to levelize  
16 their load factor, they're not being sent the  
17 proper price signal to do that. So it's  
18 interesting that Ameren wants to take those steps  
19 when it regards residential but they don't want to  
20 do it here.

21 So I'd encourage you to delve further  
22 into that and look at the reasons for their  
23 inconsistency.

24 That was all I have so unless you  
25 have some questions I'd ask to be excused.

1 JUDGE WOODRUFF: Mr. Chairman.

2 CHAIRMAN KENNEY: No questions.

3 Thank you Mr. Woodsmall.

4 CHAIRMAN KENNEY: No thank you, sir.

5 JUDGE WOODRUFF: Mr. Hall?

6 COMMISSIONER HALL: Briefly.

7 EXAMINATION

8 QUESTIONS BY COMMISSIONER HALL:

9 Q. Concerning 19(A) and the proper  
10 methodology. You're focused on capacity on plants,  
11 on new generation as what we should be focused on.

12 A. I wouldn't say focused. I believe  
13 that demand is the driver of Ameren's decision to  
14 build plants. So class demand should be --

15 Q. Well peak demand is what you're  
16 saying, not just demand.

17 A. Well, when you go to allocate among  
18 the classes each classes's demand of that peak, the  
19 percentage of that peak.

20 Q. But you're focused on peak demand  
21 because you think that that is the most significant  
22 component of what motivates the company to build a  
23 new plant.

24 A. True.

25 Q. And is that the case even when

1 **there's excess capacity?**

2 A. Well, peak demand is what causes the  
3 utility to build a plant. You don't know if you're  
4 going to have excess capacity until the plant's  
5 been built, so.

6 **Q. Let's say we're in a situation where**  
7 **a company was not anticipating putting a new plant**  
8 **on line and rather was actually considering what**  
9 **plants it might mothball early. Would the same**  
10 **methodology be the appropriate methodology and why?**

11 A. My initial inclination is yes, the  
12 same methodology is appropriate because that was  
13 the methodology that drove the decision to build  
14 that plant.

15 **Q. In the first place.**

16 A. In the first place. And I don't  
17 think that is the consideration that goes into the  
18 decision to mothball it. The decision to mothball  
19 is based upon environmental concerns, efficiency,  
20 those type of things.

21 **Q. Or it could be at least in part a**  
22 **function of decreased demand.**

23 A. It could be. And those are great  
24 questions. I don't know how those might affect  
25 the, a utility's decision to mothball a plan.

1 Q. Okay. Thank you.

2 A. I guess one final point is to prove  
3 the point that capacity is one of the primary  
4 drivers in the decision to build a production plant  
5 if it wasn't capacity all you would see was  
6 windmills being built. If it was truly just the  
7 need to provide energy we would do it with nothing  
8 but windmills but windmills don't provide the  
9 necessary capacity to meet the demand when you need  
10 it so there's no question that demand is at least  
11 part of the driver for the decision to build power  
12 plants.

13 Thank you.

14 JUDGE WOODRUFF: Thank you.

15 For Wal-Mart?

16 MR. CHAMBERLAIN: Good afternoon  
17 Commissioners, Judge Woodruff, appreciate you  
18 allowing me to appear here today.

19 My name is Rick Chamberlain, I  
20 represent Wal-Mart and Sam's. For simplicity sake  
21 I'll refer to both as Wal-Mart.

22 Let me begin with sort of Wal-Mart's  
23 guiding principle. They advocate that rates be set  
24 on the basis of a utility's cost of service and  
25 that is whether you're talking about interclass

1 allocation, allocating costs among classes or  
2 allocating costs within a class via rate design,  
3 demand, energy, that sort of thing and so they  
4 believe that that's the fairest way to do it,  
5 everybody pays what they determine what it costs to  
6 serve them. We do agree with others that have  
7 spoken that we believe Ameren's methodology in this  
8 case is the appropriate methodology, we believe the  
9 Commission has been down that road, has analyzed  
10 and decided that that is the appropriate  
11 methodology.

12                   Now, let's talk about the interclass  
13 allocation. The LGS and SP classes have been  
14 providing a rate of return above their cost of  
15 service levels in every rate case back to and  
16 including the Company's 2007 rate case. That's not  
17 really in dispute. The Company even recognizes in  
18 its filing that the rates are not currently set at  
19 cost of service levels for those classes.  
20 According to Ameren's cost of service study in this  
21 case the revenue neutral revenue change required  
22 for the LGS and SP classes is a reduction, would be  
23 a reduction of approximately \$59.8 million or 7.44  
24 percent, that's what Ameren's cost of service study  
25 shows. However, somehow the Company chooses to

1 ignore its own cost of service study and proposes  
2 an across the board equal percentage change to  
3 everybody, that's going to make everybody happy.  
4 It fails to make any movement whatsoever toward  
5 cost of service for the LGS and SP rate classes and  
6 it would again require the LGS and SP customers to  
7 pay rates that are in total approximately \$68.7  
8 million above the cost of service. The  
9 recommendation, in short the recommendation would  
10 lock in existing inequities.

11 Now, from an interclass, let me back  
12 up, I should have said from the outset, Wal-Mart  
13 sponsored the testimony of Steve Chriss, he is our  
14 expert and witness on the issue of rate design  
15 issues. On the topic of interclass allocation Mr.  
16 Chriss recommends a slight movement toward cost of  
17 service for the LGS and SP class, I won't get into  
18 the details of that but would invite you to read  
19 his testimony and invite you to ask him questions  
20 on that.

21 As far as, but his recommendation  
22 would result in some movement toward cost of  
23 service for those two classes and would also  
24 mitigate any increases to other classes as well.

25 Now, on the topic of intraclass

1 allocation or rate design, again Ameren's proposal  
2 does not reflect the underlying cost of service  
3 from their own cost of service study and it shifts  
4 responsibility within that rate class. Charging  
5 customers for demand-related costs on the basis of  
6 energy charges and that is the recommendation that  
7 Mr. Chriss makes about it's the hours of use rate  
8 design methodology is the technical term and it's  
9 interesting, Mr. Chriss makes his recommendation in  
10 his direct testimony and so what you won't see in  
11 the rebuttal testimony, you won't see analyses and  
12 schedules and things like that to show that oh, no,  
13 no, this methodology really, really does comport  
14 with cost of service within the rate class. No,  
15 what you see is references to this methodology was  
16 approved back in a 1987 case, there was an '87 case  
17 that apparently was settled and this was sort of  
18 the settlement and apparently that is, you can't  
19 take a look at that, that's all that Mr. Chriss is  
20 recommending is it's been a long time, these, this  
21 methodology does not reflect cost of service within  
22 these LGS and SP classes and it needs to be looked  
23 at again, if not in this case then in the next case  
24 and he recommends that you direct Ameren to put  
25 together the necessary studies and analysis to

1 allow the parties to look at this. And the  
2 suggestion that Wal-Mart should do this is, makes  
3 no sense to me. Ameren's is the one that has all  
4 the information, they are in a much better position  
5 to produce this information, let the parties look  
6 at it, let us come to you and express to you what  
7 our positions are, you can make a decision but  
8 that's the bottom line on that issue.

9                   The hours of use structure as Mr.  
10 Chriss's testimony indicates, it's too complex,  
11 overly complex, it's not transparent at all, does  
12 not provide clear energy and price signals to  
13 customers and therefore again that needs to be  
14 looked at again.

15                   So that in a nutshell is Wal-Mart's  
16 case and I would urge you if you have not already,  
17 I would urge you to read Mr. Chriss's testimony, I  
18 would urge you also to ask questions of him. He  
19 better than I would be able to answer those  
20 questions. But I'll be happy to try to answer any  
21 questions you have.

22                   JUDGE WOODRUFF: Mr. Chairman?

23                   CHAIRMAN KENNEY: No questions.

24 Thank you.

25                   COMMISSIONER KENNEY: I just have one

1 question.

2 EXAMINATION

3 QUESTIONS BY COMMISSIONER KENNEY:

4 Q. If we accept MIEC's and Ameren's  
5 methodology about the allocation of fixed costs do  
6 you still have a problem with the rate increase and  
7 how it would be distributed among the costs if we  
8 did either Ameren's or Staff's reasoning?

9 A. Well, if we're talking about the way  
10 increases would be allocated among the customer  
11 class, is that what we're talking about?

12 Q. Yeah, after adjustments are made to  
13 those customer classes.

14 A. Well, Ameren's recommending an equal  
15 percentage.

16 Q. So you still don't like that.

17 A. There's no justification for that  
18 other than the fact that it's easy.

19 Q. What about Staff's recommendation,  
20 their six step?

21 A. I don't recall that methodology off  
22 the top of my head, I would urge you to ask Mr.  
23 Chriss about it.

24 Q. Now I'll make a statement.

25 A. Okay.

1           Q.       In 1981 my wife and I moved from  
2 Colorado to Lee Summit, Missouri.

3           A.       Uh-huh.

4           Q.       Bought a house. My neighbor was Jack  
5 Stufferbaum and after a couple weeks of knowing  
6 them we were over there having dinner and he told  
7 me his son just took a job for a company called  
8 Wal-Mart, and his son was an accountant, and he  
9 said you need to buy some of that stock and I said  
10 are you kidding me, they'll never be able to tackle  
11 K-Mart. Shows you how smart I am.

12                   JUDGE WOODRUFF: Mr. Hall?

13                   COMMISSIONER KENNEY: True story.

14                   MR. WOODSMALL: Did Jack buy the  
15 stock?

16                   COMMISSIONER KENNEY: Jack bought the  
17 stock and retired to Florida.

18                                   EXAMINATION

19                   QUESTIONS BY COMMISSIONER HALL:

20           Q.       The particular rate design that you  
21 are proposing here, is that something that Wal-Mart  
22 and Sam's is promoting around the country in front  
23 of other state commissions?

24           A.       I do not know the answer to that. I  
25 can find out but I don't know the answer to that

1 off the top of my head.

2 Q. Okay. Let me ask you this, and this  
3 may be something that's more appropriate for your  
4 witness as well.

5 Actually I'll just wait and ask your  
6 witness.

7 A. In followup if I might, I'm not sure  
8 the hours of use methodology that we're talking  
9 about, I'm not sure that that's used anywhere else  
10 but I'll be happy to have my witness answer that  
11 question.

12 Q. Okay. Thank you.

13 JUDGE WOODRUFF: Thank you. I  
14 believe that's all the parties for openings. Let's  
15 take a break before we get into the first witness,  
16 we'll come back at 3 o'clock.

17 (Whereupon, a recess was taken by the parties)

18 JUDGE WOODRUFF: All right. We're  
19 back from our break so let's go ahead and get  
20 started.

21 Mr. Warwick has taken the stand.

22 (Whereupon, the witness was sworn)

23 JUDGE WOODRUFF: You may inquire.

24

25

1 EXAMINATION

2 QUESTIONS BY MR. MITTEN:

3 Q. Mr. Warwick would you please state  
4 your full name and business address for the record?

5 A. William M. Warwick, Ameren Missouri,  
6 1901 Chouteau Avenue.

7 Q. Mr. Warwick, you've told me where you  
8 are employed but what is your job title?

9 A. Manager rate engineering, Missouri  
10 Regulatory Services.

11 Q. Mr. Warwick did you prepare and cause  
12 to be filed in this case direct testimony which has  
13 been marked as Exhibit 49 and amended rebuttal  
14 testimony which has been marked as Exhibit 50?

15 A. Yes.

16 Q. Do you have any changes or  
17 corrections to make to either of those exhibits at  
18 this time?

19 A. I do not.

20 Q. If I asked you the questions that are  
21 in Exhibits 49 and 50 today would your answers be  
22 the same as are shown on those documents?

23 A. Yes, they would.

24 Q. And is the information contained in  
25 those answers true and correct to the best of your

1 **belief?**

2 A. Yes, they are.

3 MR. MITTEN: Your Honor, I don't have  
4 any further questions for Mr. Warwick. I would ask  
5 for the additions of 49 and 50 and this is the only  
6 time Mr. Warwick is scheduled to testify in this  
7 hearing.

8 JUDGE WOODRUFF: Thank you very much.  
9 49 and 50 have been offered, any objection to their  
10 receipt?

11 Hearing none they will be received.

12 MR. MITTEN: Mr. Warwick is available  
13 for cross examination.

14 JUDGE WOODRUFF: Okay. Cross  
15 examination we begin with MEEG.

16 MR. WOODSMALL: Thank you, Your  
17 Honor. Very briefly.

18 EXAMINATION

19 QUESTIONS BY MR. WOODSMALL:

20 Q. **Good afternoon, sir.**

21 A. Good afternoon.

22 Q. **Were you involved in the 2010 Ameren**  
23 **rate case?**

24 A. Yes, I was.

25 Q. **And in that case is it your**

1     **recollection that the Commission approved Ameren's**  
2     **methodology for allocating production plants?**

3             A.     Yes.

4             **Q.     And that methodology was the 4 NCP**  
5     **average in excess methodology?**

6             A.     That's correct.

7             **Q.     And that is the same methodology you**  
8     **used in this case?**

9             A.     Yes.

10            **Q.     In that case is it your recollection**  
11    **that the Commission ordered a different method for**  
12    **allocating all system sales than Ameren utilized?**

13            A.     Yes, it did.

14            **Q.     What method did the Commission order?**

15            A.     They ordered it be adjusted to  
16    reflect all system sales as allocators on the fixed  
17    variable.

18            **Q.     And in your class cost of sales study**  
19    **in this case what methodology did you use for**  
20    **allocating all systems sales margins?**

21            A.     My fixed production plan allocator.

22            **Q.     Okay.**

23                    MR. WOODSMALL: I have no further  
24    questions. Thank you.

25                    JUDGE WOODRUFF: Okay. Then for

1 Wal-Mart?

2 EXAMINATION

3 QUESTIONS BY MR. CHAMBERLAIN:

4 Q. Good afternoon.

5 A. Good afternoon.

6 Q. Is it your opinion that the customer  
7 class of service study you prepared accurately  
8 reflects the costs incurred to serve each customer  
9 class?

10 A. Yes.

11 Q. And your schedule AMY 1 reflects the  
12 result of your customer class of service study, is  
13 that correct?

14 A. Yes.

15 Q. All right. And if we turn to that we  
16 see, if I'm looking at line 33 what does that line  
17 tell me? I'm sorry, when you have it.

18 A. It shows the classes relative rate of  
19 return rating return on them compared to the  
20 overall rate of return.

21 Q. The overall rate of return being  
22 4.436 in the Missouri column?

23 A. Yes.

24 Q. And that's your system average?

25 A. Yes.

1           **Q.       And if I go over to the large general**  
2 **service signals primary column there I see 7.572**  
3 **down at line 33?**

4           A.       That's correct.

5           **Q.       And what does that tell me?**

6           A.       That tells me the large all services  
7 small primary class are earning above the average  
8 system average return on rate base.

9           **Q.       Paying more than the cost of service,**  
10 **right?**

11          A.       Yes.

12          **Q.       Thank you, that's all I have.**

13                    JUDGE WOODRUFF: Okay. For the  
14 Consumer Council?

15                    MR. COFFMAN: No questions return.

16                    JUDGE WOODRUFF: Public Counsel?

17                    MR. ALLISON: No questions.

18                    JUDGE WOODRUFF: MIEC.

19                    MR. DOWNEY: Yes Judge.

20                                EXAMINATION

21                    QUESTIONS BY MR. DOWNEY:

22                    **Q.       Good afternoon.**

23                    A.       Good afternoon.

24                    **Q.       Do you agree that MIEC witness**  
25 **Maurice Brubaker used the same methodology for**

1 allocating production costs?

2 A. Yes.

3 Q. And that's the A&E 4 NCP?

4 A. That's correct.

5 Q. And Ameren witness Davis, have you  
6 read his testimony?

7 A. Yes.

8 Q. Okay. And in his direct he also  
9 advocates use of that methodology, correct?

10 A. I believe so, yes.

11 Q. Would you turn to your direct  
12 testimony, page 11, bottom of page 11 top of page  
13 12?

14 A. I'm there.

15 Q. And I'm going to be more specific.  
16 Starting on line 20 of page 11 and continuing to  
17 line 2 of page 12. Do you address how to allocate  
18 off system sales revenues to the classes?

19 A. Yes.

20 Q. And did you allocate those revenues  
21 to each class using each class's variable  
22 production allocation factor?

23 A. That's correct.

24 Q. And was that factor based on megawatt  
25 hours required at the generator to provide service

1 to each customer class?

2 A. Yes, it was.

3 Q. In other words energy of the class?

4 A. Yes.

5 Q. And you note on page 12 of your  
6 direct, I guess line 2, that this methodology is  
7 consistent with the Commission's report and order  
8 in case number ER 2010 dash 0036?

9 A. That's correct.

10 Q. Is it correct that Ameren Missouri's  
11 had several rate cases since that rate case?

12 A. Yes.

13 Q. Is it correct that the method for  
14 allocation of off system sales including margins  
15 has been the same, namely on class kilowatt hours  
16 adjusted for losses to the generation level?

17 A. That's correct.

18 Q. Okay. All right. I'd ask you to  
19 find your rebuttal testimony and turn to the table  
20 on page 14.

21 A. Is that 14?

22 Q. Yes, sir.

23 A. I am there.

24 Q. Is it correct that you are comparing  
25 class cost of service impacts of different methods

1 of allocating off system sales as compared to  
2 Ameren Missouri's allocation?

3 A. Yes, that's what the table is.

4 Q. In the top section of the table, and  
5 there's no line so I'm just going to ask you to  
6 look at maybe the first looks like five or six  
7 lines, is it correct to interpret that for the LPS  
8 class OPC's method of allocating off system sales  
9 would increase costs by \$6.364 million?

10 A. That's correct.

11 Q. And that would be 3.14 percent?

12 A. Above my original filed estimate.

13 Q. As compared to Ameren Missouri's  
14 method?

15 A. Right.

16 Q. And is it correct that OPC's method  
17 would have the effect of shifting an additional  
18 \$10.228 million of cost to the LTS class?

19 A. That's correct.

20 Q. Again that's over the method you  
21 advocated.

22 A. That's correct.

23 Q. And is that 6.42 percent over?

24 A. That's correct.

25 Q. Now focusing on the bottom half of

1 table 5 on page 14, is it correct that you have  
2 here evaluated Staff's method of treatment for off  
3 system sales as compared to the Company's method?

4 A. Yes, that's correct.

5 Q. And is the impact of Staff's method  
6 compared to the Company's \$3.78 million?

7 A. For the LPS class, that is correct.

8 Q. Okay. For the LPS? And that equates  
9 to 1.86 percent?

10 A. That's correct.

11 Q. And that's more costs than you  
12 allocated.

13 A. That's correct.

14 Q. All right. And do you also show a  
15 comparison for the LTS class?

16 A. Yes.

17 Q. And again this is Staff's method  
18 versus the Company's method. How much more cost is  
19 allocated to the LTS class by Staff's approach?

20 A. 6.1 million, or 6,770,000.

21 Q. Let's just say 6.077 million?

22 A. Yes.

23 Q. All right. And is that 3.81 percent  
24 higher than you allocated?

25 A. That's correct.

1 Q. Now I'd ask you to turn -- let me ask  
2 you a question. Is that the amended rebuttal  
3 you're looking at?

4 A. I'm sorry.

5 Q. It should be on the very first page.

6 A. I'm sorry, it was not.

7 Q. Okay. I'm not sure any of the  
8 questions that you just answered would be different  
9 but could you just check your amended rebuttal and  
10 make sure?

11 A. I will check it. (Reviewing  
12 document).

13 They're the same.

14 Q. If I asked you the same questions  
15 with regard to the amended rebuttal your answers  
16 would be the same?

17 A. Yes.

18 Q. Thank you. All right. I'd ask you  
19 to turn to page 6 of that amended rebuttal.

20 A. Yes.

21 Q. Do you agree that Staff's application  
22 of the BIP method for the Company's production  
23 plant results in approximately 66 percent of  
24 production demand being allocated on an energy  
25 basis?

1 A. Yes, I would agree with that.

2 Q. Now looking at line 17 through 20 you  
3 say that Staff's application quote produces results  
4 similar to my study, close quotes?

5 A. Of what page?

6 Q. I'm sorry, page 6. Line 17 through  
7 20.

8 A. Are we on the amended?

9 Q. Yes, sir.

10 A. 17 through 20.

11 Q. Yes, sir.

12 A. Okay. I'm there.

13 Q. Take a look at that sentence and then  
14 I'll ask you a question.

15 A. What was the question again, I'm  
16 sorry?

17 Q. You say that Staff's application  
18 quote, produces results similar to my study, close  
19 quotes, do you say that?

20 A. Yes.

21 Q. Now I'd like you to turn to table 1  
22 on page 4 of that same directed or amended  
23 rebuttal.

24 A. Okay.

25 Q. Does that table show the production

1 plant allocators that the various parties have  
2 used?

3 A. Yes.

4 Q. Would you agree with me that the  
5 largest difference between the Staff's BIP method  
6 and the method Ameren and Mr. Brubaker use, the A&E  
7 4 NCP method is with respect to the lighting class  
8 and the LTS class?

9 A. Between Staff and Company?

10 Q. Correct.

11 A. I would disagree on the lighting and  
12 I would agree on the LTS.

13 Q. That was a poorly worded question.  
14 In terms of a percentage, not in  
15 terms of dollars.

16 Disregard the lighting, I don't even  
17 know why I asked you about lighting. Let's focus  
18 on LTS.

19 A. Yes, I would agree with that.

20 Q. All right. And would you agree that  
21 for the LTS class that Staff's 7.42 percent  
22 allocation factor is about 14 percent higher than  
23 the A&E dash 4 NCP factor of 6.5 percent, and I  
24 don't mean to put you on the spot but would you  
25 determine that by dividing 7.42 by 6.5?

1 A. You can do it that way, yes.

2 **Q. Do have you a calculator there?**

3 A. What did you originally say?

4 **Q. About 14 percent?**

5 A. Yes, I would agree with that.

6 **Q. In fact it's 14.15 percent higher,**  
7 **right?**

8 A. Yes.

9 **Q. Do you have an idea of how many**  
10 **dollars that impacts the LTS class?**

11 A. No, I do not.

12 **Q. Is it, would you say it's a large**  
13 **dollar amount?**

14 A. It's larger than the Company's  
15 position.

16 **Q. Okay. Is it easy for you to**  
17 **calculate that? Or is that number anywhere in your**  
18 **testimony?**

19 A. I don't believe it's anywhere in my  
20 testimony. No, it's not in my testimony.

21 **Q. All right. Withdraw that.**

22 **Now I'm still looking at table 1 on**  
23 **page 4 of your amended rebuttal.**

24 A. Okay.

25 **Q. Do you see at the bottom the line**

1 that says OPC 1?

2 A. Yes.

3 Q. And I'd like you to focus on the LTS  
4 column.

5 A. Okay.

6 Q. The company proposed a 6.5 percent  
7 allocation of production plant to the LTS class,  
8 is that correct?

9 A. Production plant allocation, that's  
10 correct.

11 Q. And OPC 1 proposes a 9.13 percent  
12 allocation, is that correct?

13 A. That's correct.

14 Q. Would you agree that is 40 percent  
15 higher as a percentage compared to Ameren  
16 Missouri's allocation?

17 Sorry, I let you put the calculator  
18 away.

19 A. Yes.

20 Q. And you just divided 9.13 by 6.5?

21 A. That's correct.

22 Q. Was it exactly 40 percent?

23 Never mind.

24 A. 40.5.

25 Q. All right. And are you able to

1 quantify that difference in dollars?

2 A. No.

3 Q. All right. Would you agree that this  
4 Commission has regularly rejected OPC's peak and  
5 average method for allocation?

6 A. In the last few cases, yes.

7 Q. And in fact you discussed that on  
8 page 5 of your amended rebuttal, do you not?

9 A. That's correct.

10 Q. Okay. And I believe on line 2 you,  
11 do you not assert that it was quote inherently  
12 flawed?

13 A. That's correct.

14 Q. And is that because it double counts  
15 the average demand of customers?

16 A. Yes.

17 Q. And that double counting causes high  
18 load factor customers to receive a disproportionate  
19 share of the quote nonaverage demand portion of  
20 production plant investment, close quotes?

21 A. Yes, that's correct.

22 Q. Who is Ameren Missouri's highest load  
23 factor customer, if you know?

24 A. It would be Nuranda in the LTS class.

25 Q. Thank you.

1 MR. DOWNEY: No further questions.

2 JUDGE WOODRUFF: All right.

3 For Staff?

4 MR. ANTAL: No questions. Thank you.

5 JUDGE WOODRUFF: Open up for  
6 questions from the bench.

7 Mr. Chairman.

8 CHAIRMAN KENNEY: No questions, thank  
9 you.

10 COMMISSIONER KENNEY: I have no  
11 questions. Thank you very much.

12 COMMISSIONER HALL: No questions.

13 JUDGE WOODRUFF: All right. There  
14 were no questions from the bench so no need for  
15 recross. Any redirect?

16 MR. MITTEN: No redirect Your Honor.

17 JUDGE WOODRUFF: Mr. Warwick you can  
18 step down.

19 A. Thank you.

20 JUDGE WOODRUFF: And next up will be  
21 Mr. Davis.

22 JUDGE WOODRUFF: Good afternoon.

23 (Whereupon, the witness was sworn)

24 JUDGE WOODRUFF: You may inquire.

25

1 EXAMINATION

2 QUESTIONS BY MR. MITTEN:

3 Q. Mr. Davis could you please state your  
4 full name and business address for the record?

5 A. My name is William Davis, my address  
6 is 1901 Chouteau Avenue, St. Louis, Missouri.

7 Q. Mr. Davis, where are you employed and  
8 what is your current job title?

9 A. I am an economic analysis and pricing  
10 manager for Ameren Missouri.

11 Q. Mr. Davis did you prepare and cause  
12 to be filed in this case direct testimony which has  
13 been marked as Exhibit 7, supplemental direct  
14 testimony which has been marked as Exhibit 8,  
15 rebuttal testimony which has been marked as Exhibit  
16 9 and surrebuttal testimony which has been marked  
17 as Exhibit 10?

18 A. Yes.

19 Q. Do you have any changes or  
20 corrections to make to any of those exhibits today?

21 A. I have one minor correction. On page  
22 40, line 22 of my rebuttal testimony it says \$3.8  
23 million, that should read \$3.9 million. And that's  
24 all.

25 Q. It was page 40, line 22 instead of

1 3.8 it should be 3.9.

2 Mr. Davis with that correction if I  
3 asked you the questions that are in the exhibits I  
4 just mentioned today would your answers be the same  
5 as they're shown on those exhibits?

6 A. Yes, they would.

7 Q. And is the information contained in  
8 those answers true and correct to the best of your  
9 belief?

10 A. Yes.

11 MR. MITTEN: Your Honor I offer into  
12 evidence Exhibits 7, 8, 9 and 10.

13 JUDGE WOODRUFF: All right. And I  
14 believe Mr. Davis will be back on some issues  
15 again?

16 MR. MITTEN: That's correct, Your  
17 Honor.

18 JUDGE WOODRUFF: I'll defer ruling on  
19 the admission of documents.

20 MR. MITTEN: He's available for cross  
21 examination.

22 JUDGE WOODRUFF: All right. Cross  
23 then we begin with MECG.

24

25

1 MR. WOODSMALL: Thank you, Your  
2 Honor. I'm going to mark a number of exhibits  
3 which is past Ameren cost of study results, I  
4 believe I'm at 971.

5 JUDGE WOODRUFF: That would be  
6 correct.

7 EXAMINATION

8 QUESTIONS BY MR. WOODSMALL:

9 Q. Sir, I hand you what has been marked  
10 as Exhibit 971. Can you identify that document?

11 A. Yes.

12 Q. And would agree that this is the  
13 result of Ameren's class cost of service study in  
14 case number ER-2007-0002?

15 A. Yes. Mr. Warwick answered that  
16 question.

17 Q. Okay.

18 MR. WOODSMALL: Your Honor I'd move  
19 for the admission of Exhibit 971.

20 JUDGE WOODRUFF: 971 has been  
21 covered, any objection to its receipt?

22 MR. MITTEN: No objection.

23 JUDGE WOODRUFF: Hearing none it will  
24 be received.

25 MR. WOODSMALL: Mark 972.

1 Q. (BY MR. WOODSMALL) Hand you what has  
2 been marked as Exhibit 972. Can you identify that  
3 document?

4 A. It's a data request.

5 Q. And is that the results of Ameren's  
6 class cost of service study in the case number  
7 ER-2008-0318?

8 A. Yes.

9 MR. WOODSMALL: Your Honor, move for  
10 the admission of 972.

11 JUDGE WOODRUFF: 972 has been  
12 offered, any objection to its receipt?

13 MR. MITTEN: No objections.

14 JUDGE WOODRUFF: Hearing none it will  
15 be received.

16 Q. (BY MR. WOODSMALL) Hand you what has  
17 been marked as Exhibit 973. Can you identify that  
18 for me please?

19 A. It's a data request.

20 Q. And is it the result of Ameren's  
21 class cost of service study in the case number  
22 ER-2010-0036?

23 A. Yes, it is.

24 MR. WOODSMALL: Move for the  
25 admission of 973 Your Honor.

1 JUDGE WOODRUFF: 973 has been  
2 offered. Any objection?

3 MR. MITTEN: No objection.

4 JUDGE WOODRUFF: Hearing none it will  
5 be received.

6 Q. (MR. WOODSMALL) Hand you what has  
7 been marked as Exhibit 974. Can you identify that  
8 for me?

9 A. It's cost of service results from  
10 ER-2011-0028.

11 MR. WOODSMALL: Your Honor, move for  
12 the admission of 974.

13 JUDGE WOODRUFF: 974 has been  
14 offered, any objection to its receipt?

15 Hearing no objection It will be  
16 received.

17 MR. ALLISON: Do you have a copy of  
18 974?

19 MR. DOWNEY: My fault.

20 MR. WOODSMALL: My assistant is  
21 slacking.

22 Q. (BY MR. WOODSMALL) Hand you what has  
23 been marked as Exhibit 975. Can you identify that  
24 for me?

25 A. Yes. It's a data request about the

1 Company's cost of service results from  
2 ER-2012-0166.

3 MR. WOODSMALL: Move for the  
4 admission of Exhibit 975 Your Honor.

5 JUDGE WOODRUFF: 975 has been  
6 offered, any objections to its receipt?

7 MR. MITTEN: No objection.

8 JUDGE WOODRUFF: Hearing none it will  
9 be received.

10 MR. WOODSMALL: Last one.

11 JUDGE WOODRUFF: 976.

12 Q. (BY MR. WOODSMALL) Hand you what has  
13 been marked as Exhibit 976. Can you identify that?

14 A. Yes. It's the Company's cost of  
15 service results from ER-2014-0258, this rate case.

16 MR. WOODSMALL: Move for the  
17 admission of Exhibit 976.

18 JUDGE WOODRUFF: 976 has been  
19 offered, any objections to its receipt?

20 MR. MITTEN: No objection.

21 JUDGE WOODRUFF: Hearing none it will  
22 be received.

23 MR. WOODSMALL: No further questions,  
24 Your Honor.

25 JUDGE WOODRUFF: All right.

1 Wal-Mart?

2 EXAMINATION

3 QUESTIONS BY MR. CHAMBERLAIN:

4 Q. Good afternoon Mr. Davis.

5 A. Good afternoon.

6 Q. Let me refer you to your direct  
7 testimony please, page 12. And if I could direct  
8 your attention to table 1.

9 A. Yes.

10 Q. Do you have that?

11 A. Yes, I do.

12 Q. Now this is a schedule, excuse me,  
13 this is a summary of the schedule AMY 1, is it not?

14 A. Yes, it is.

15 Q. That's the schedule I just visited  
16 with Mr. Warwick about?

17 A. I believe so.

18 Q. All right. And it summarizes the  
19 Company's cost of service study in the this case?

20 A. In terms of where the current revenue  
21 split the costs, yes.

22 Q. Okay. And what do the figures in the  
23 column represent?

24 A. The actual return on rate base is the  
25 return provided by each rate class based on current

1 revenues and the target is what the company has  
2 proposed in this case.

3 Q. Okay. And then the total line at the  
4 bottom --

5 A. Sure.

6 Q. The total line at the bottom  
7 indicates that a rate increase is necessary and  
8 then within the individual columns if the class is  
9 above that then that class will be providing  
10 revenues in excess of the average return and if it  
11 was below that they would be providing revenues  
12 below the average return.

13 Q. And so in your actual RORB column the  
14 classes with a figure larger than 4.43 percent  
15 would be accurate to say that those classes are  
16 paying more than it cost Ameren to serve those  
17 classes?

18 A. That's correct.

19 Q. And for classes with percentages less  
20 than 4.43 percent would it be accurate to say that  
21 those classes are paying less than it costs Ameren  
22 to serve those classes?

23 A. That would be correct as well.

24 Q. And in fact page 13 of your direct  
25 testimony at lines, beginning at line 3 you

1 conclude quote, the residential and LTS classes are  
2 providing below average rates of return, the LPS  
3 and lighting services are providing near average  
4 rates of return while SGS, LGS and SPS classes are  
5 providing above average rates of return.

6 Is that correct?

7 A. That's correct. And that's  
8 consistent with many of the opening statements,  
9 what they showed as well.

10 Q. Now, have you reviewed the direct  
11 testimony of Steve Chriss?

12 A. Yes, I have.

13 Q. And Mr. Chriss concludes that the LGS  
14 and SP classes have provided a rate of return above  
15 their cost of service levels in every rate case  
16 back to and including the Company's 2007 rate case,  
17 do you recall that testimony?

18 A. Yeah, I believe so. I don't have it  
19 in front of me but I recollect that.

20 Q. And you didn't dispute that statement  
21 in your rebuttal testimony, did you?

22 A. No, I did not.

23 Q. Okay. In your opinion does the  
24 Company's cost of service study in this case  
25 accurately reflect the cost of providing electric

1 **service to each class?**

2 A. Yes.

3 **Q. Now direct your attention to table 3**  
4 **at page 15 of your direct testimony.**

5 A. Yes.

6 **Q. What does this table show?**

7 A. Table 3 shows what the increase to  
8 each class would be under the Company's rate  
9 proposal to exactly equal its cost of service based  
10 on the Company's analysis.

11 **Q. And this is at the Company's**  
12 **requested revenue increase?**

13 A. Yes.

14 **Q. All right. But you're not proposing**  
15 **these sorts of increases, are you?**

16 A. No, I'm not.

17 **Q. In fact you're proposing that all**  
18 **classes receive the same 9.65 percent increase,**  
19 **isn't that correct?**

20 A. Yes, it is.

21 **Q. So even though Ameren's cost of**  
22 **service study shows that LGS and SP classes should**  
23 **only receive a 1.1 percent increase you're**  
24 **recommending the Commission impose a 9.65 percent**  
25 **increase?**

1           A.       Yes.  And the challenge here is  
2  that --

3           Q.       You can direct that for your counsel  
4  on redirect.

5           A.       Okay.

6           Q.       It's true is it not that an equal  
7  percentage increase to all classes will maintain  
8  their current rates of return, set out your table 1  
9  all other things being equal, is that correct?

10          A.       I think so.

11          Q.       And it's true, is it not, that your  
12  recommendation will not result in any movement  
13  toward cost of service for the LGS and SP customer  
14  classes, is that correct?

15          A.       That's correct.

16          Q.       Who's Michael Moehn?

17          A.       He is the president CEO of Ameren  
18  Missouri.

19          Q.       Were you present when Mr. Moehn  
20  testified on February 23rd?

21          A.       No, I was not.

22          Q.       All right.  Let me help you if I can.  
23  Mr. Moehn testified, quote, well, again, I think  
24  cost of service principles, the rate making process  
25  would say, you know, cost causation, those

1 customers should pay the costs and so I think in  
2 general the class of customer that's incurring the  
3 cost should pay the cost, close quote.

4 Do you agree with that statement?

5 A. I agree with that in general.

6 Q. Thank you. That's all I have.

7 JUDGE WOODRUFF: Consumer's Council?

8 MR. COFFMAN: No questions, Your  
9 Honor.

10 JUDGE WOODRUFF: Public Counsel.

11 MR. ALLISON: Just a couple. Thank  
12 you.

13 EXAMINATION

14 QUESTIONS BY MR. ALLISON:

15 Q. Mr. Davis with reference to the table  
16 on page 12 of your direct testimony I believe you  
17 made the statement that the target rate of return,  
18 return on rate base is, reflects the rate increase,  
19 or I'm sorry, the numbers reflect the rate increase  
20 that would be necessary in order to reach the  
21 return on rate base, is that correct?

22 A. Based on the Company's original  
23 proposal, yes.

24 Q. Okay. And that gets to my question.  
25 If the target were different then you would need a

1 different amount of revenue in order to reach that,  
2 whatever the new target's rate of return on the  
3 rate base would be, right?

4 A. That's correct. So for example --

5 Q. No, that's fine. Thank you.

6 And then on page 13 if you can look  
7 at, or I'm sorry, still on page 12, I apologize.  
8 Help me look at this. In the actual return on rate  
9 base column are any of these numbers negative?

10 A. No, they're not.

11 Q. So they're all positive, right?

12 A. Yes.

13 Q. So Ameren is actually receiving a  
14 return on rate base in every class, is that  
15 correct?

16 A. That's correct.

17 Q. So you're not losing money from any  
18 class, is that correct?

19 A. Yes.

20 Q. Thank you.

21 I'd like to move to page 15 of your  
22 direct testimony and on page 15 you outline the  
23 Company's rationale for proposing to allocate  
24 revenue increases across the board on an equal  
25 percentage basis and therein and carrying over to

1 page 16 you articulate a number of other factors  
2 outside of the cost of service study. Is that an  
3 exclusive list of factors, are there other factors  
4 or is that from your perspective the entire  
5 universe of other factors to consider?

6 A. No, there would be more factors to  
7 consider. This is a general list and it's not all  
8 inclusive.

9 Q. Okay. Fair enough. And so among the  
10 factors that you do list specifically are revenue  
11 stability, rate stability, effectiveness in  
12 yielding total revenue requirement, public  
13 acceptance and value of service. And according to  
14 your testimony among other factors is that fair?

15 A. Yes.

16 Q. Okay. And as a result of the  
17 exception of those factors and your class cost of  
18 service study it is the Company's recommendation to  
19 provide across the board revenue neutral increase  
20 in an equal proposition, is that correct?

21 A. Yeah, and I also in the very next  
22 paragraph included discussion about how energy  
23 efficiency fits into that determination as well.

24 Q. Yeah, absolutely.

25 Moving to your, do you have your

1 rebuttal testimony there with you?

2 A. Yes, I do.

3 Q. Okay. Great. Moving to your  
4 rebuttal testimony I'm looking at pages, well we'll  
5 start on page I think it's 15, in the 15, 16 area.  
6 Where you discuss I think a comparative evaluation  
7 of relative customer charges compared to other  
8 investor-owned utilities and other types of  
9 utilities. Do you see where I'm at?

10 A. Yes.

11 Q. Okay. To your knowledge are Ameren  
12 Missouri's rates overall, not just the customer  
13 charge, but overall rates, lower or higher than the  
14 other investor-owned utilities in the state?

15 A. My understanding is that they're  
16 lower.

17 Q. And so it's not particularly  
18 surprising then that the customer charge would also  
19 be lower, is it?

20 A. Not necessarily the case.

21 Q. Okay. That's fine.

22 And then with respect, you make a  
23 statement on page 17 that cable, Internet and land  
24 line phone service are commonly billed entirely as  
25 fixed monthly bills, is that correct?

1 A. Yes.

2 Q. Now, I'm looking at the first page of  
3 your direct testimony where you talk about your  
4 background and I don't see here where you have ever  
5 worked for a cable service provider. Have you ever  
6 worked for a cable service provider?

7 A. No, but I know a lot of people who  
8 get cable service.

9 Q. I'm sure you do. And have you ever  
10 worked for an Internet service provider? Yes or  
11 no.

12 A. No.

13 Q. And have you ever worked for a land  
14 line service provider, yes or no?

15 A. No I have not.

16 Q. Do you have any idea of fixed versus  
17 variable cost structure of any of those service  
18 providers? If you can't answer that's fine too.  
19 I'm just asking what your knowledge is.

20 A. I don't have any quantitative  
21 understanding of it.

22 Q. Fair enough. I appreciate the  
23 answer.

24 MR. ALLISON: That's all I have.

25 JUDGE WOODRUFF: All right.

1 For MIEC?

2 EXAMINATION

3 QUESTIONS BY MR. DOWNEY:

4 Q. Good afternoon.

5 A. Good afternoon.

6 Q. Would you turn to page 10 of your  
7 direct?

8 A. Okay.

9 Q. And starting on line 21 and  
10 continuing through page 11, line 12.

11 A. Yes.

12 Q. Take a look at that.

13 A. (Reviewing document). Okay.

14 Q. And do you discuss there why the  
15 company chose the A&E 4 NCP method for allocating  
16 production costs?

17 A. Yes, I do. In fact some of the  
18 quotes from Mr. Woodsmall's introduction was  
19 directly from this particular piece.

20 Q. Would you explain to the Commission  
21 why that allocation method is appropriate in this  
22 case?

23 A. Sure. I mean part of it is just the  
24 fact that you have the average and excess. You  
25 know the average component of this is designed to

1 capture kind of the energy aspect of customer's  
2 usage and the excess is the demand piece and those  
3 two factors together represent, you know, a balance  
4 of signing some of the costs weighted on the energy  
5 aspect and some of the costs weighted on the peak  
6 demands.

7 Q. Thank you.

8 MR. DOWNEY: No other questions.

9 JUDGE WOODRUFF: Staff?

10 MR. ANTAL: No questions. Thank you.

11 JUDGE WOODRUFF: Open for questions

12 from the bench.

13 Mr. Chairman?

14 CHAIRMAN KENNEY: No questions.

15 Thank you.

16 JUDGE WOODRUFF: Mr. Kenney?

17 COMMISSIONER KENNEY: No, thank you.

18 JUDGE WOODRUFF: Mr. Hall?

19 COMMISSIONER HALL: I have a few.

20 EXAMINATION

21 QUESTIONS BY COMMISSIONER HALL:

22 Q. Good afternoon.

23 A. Good afternoon.

24 Q. Turning to page 16 of your direct

25 testimony where you list certain factors that

1     **should be taken into account when determining how**  
2     **the rate increase should be collected from the**  
3     **classes. Could you go factor by factor and explain**  
4     **to me how that impacted your decision in this case**  
5     **that an across the board approach should be ordered**  
6     **by the Commission?**

7           A.       Sure. I mean in terms of things like  
8     revenue stability and rate stability, to the extent  
9     that the rate increases are higher customers may  
10    react differently to those in terms of their  
11    consumption habits so to the extent that an average  
12    increase makes sense for those customers that can  
13    promote no major change in their consumption  
14    patterns, that in terms, and that kind of flows  
15    into the effectiveness of yielding the total  
16    revenue requirement in terms of how customers react  
17    to that. Also with rate stability we have on our  
18    nonresidential rate classes customers could switch  
19    in between those and right now we don't see a lot  
20    of switching issues so to the extent where we  
21    increase those rates consistently across those we  
22    wouldn't expect to experience any switching issues  
23    amongst those rate classes and also in terms of  
24    public acceptance really that factors maybe more  
25    into the residential rate class, you know, as you

1 see on the previous table the residential rate  
2 class if you just go based on strictly cost of  
3 service would require a higher than average  
4 increase so, you know, the lower the increase that  
5 may mitigate the issues of public acceptance.

6 **Q. Anything else?**

7 A. Not on that particular list. No.

8 **Q. Are there any other factors that we**  
9 **should take into account?**

10 A. Well, on the list right below there,  
11 or I'm sorry, in the paragraph right below there I  
12 talk about energy efficiency and the significance  
13 of energy efficiency is that if a class is kilowatt  
14 hours if one particular class reduces their  
15 kilowatt hours more than any other class that will  
16 actually shift costs when it come comes to revenue  
17 allocations so it's what we see with residential we  
18 see a large amount of program expenditures going  
19 that way and a large amount of savings from the  
20 residential class and even looking forward as we  
21 look at our resource plan we're seeing lower growth  
22 rates in the residential class compared to other  
23 classes so if that trend does in fact continue then  
24 over time less costs will be assigned to the  
25 residential class.

1                   In taking a step back and looking at  
2 page 15 even when I look at what the cost of  
3 service says the rate increases should be the  
4 challenge that I was faced with whether I came up  
5 with a recommendation the Company's looking at how  
6 to apply this, you know, the cost of service study  
7 says there's some costs that would be a below  
8 average increase and some that would be an above  
9 average increase. So if you think of it like air  
10 in a balloon if I gave one customer class a below  
11 average increase some other class has to get an  
12 above average increase and if we look at the two  
13 classes there's actually a fair amount of  
14 consistency in several of the studies that  
15 residential and large transmission service are the  
16 two classes that would get an above average  
17 increase and we also know from what we've heard in  
18 these cases those are the two classes that are most  
19 vehemently telling you to incorporate affordability  
20 when you're designing rates so as I look at this  
21 it's just a hard choice to figure out if I want to,  
22 you know, if I want to give large general and small  
23 primary a below average increase someone else has  
24 to get an above charge increase.

25                   **Q.           Would your position be the same if**

1 **the Company was pushing say a \$100 million increase**  
2 **in revenue as opposed to a \$200 million?**

3 A. I don't know the answer to that, I  
4 haven't really thought about the magnitude. Again  
5 I think it also depends on, and maybe not in this  
6 particular case again, you know, we are, the  
7 circumstances of each individual case matter as  
8 well like I mentioned in terms of, you know, the  
9 two classes that are showing the need for an above  
10 average increase for other customer classes to get  
11 a below average increase are the residential and  
12 large transmission so the fact that we are, you  
13 know, we've gone through the rate design complaint  
14 case with the large transmission class and the fact  
15 that we're seeing the issues raised by the Office  
16 of Public Counsel about the recovery for  
17 residential class, I mean assuming those conditions  
18 still existed I don't know that the magnitude of  
19 the increase would influence my recommendation.

20 Q. Okay. So if instead of the 264  
21 million it was half of that you would still be  
22 supporting an across the board increase?

23 A. Yes.

24 Q. Are you familiar with Staff's six  
25 step approach to allocating --

1 A. Yes, I am.

2 Q. Is there anything inherently wrong  
3 with that approach?

4 A. No, I think it's reasonable. And  
5 also Wal-Mart's proposal is reasonable too because  
6 actually there's basic agreement on which classes  
7 are below their cost of service and which classes  
8 are above the cost of service so it's really a  
9 matter of whether the Commission wants to take a  
10 step forward to, a step towards cost of service and  
11 how much towards a cost of service. You look at  
12 Staff's proposal they said point 5 percent above  
13 average increase to residential and large  
14 transmission and a point 63 below average increase  
15 to large general, small general and small primary.  
16 Now if you look at Wal-Mart's proposal they had the  
17 same construct where for the most part, you know,  
18 large primary and lighting are pretty close so the  
19 shifts in those classes are pretty small but  
20 instead a point 5 percent increase say for  
21 residential, it's more like, let me see, I actually  
22 have it here, it's more like a 1.3 percent revenue  
23 neutral shift so the same classes would be going in  
24 the same direction, it's just a matter of degree.

25 Q. Okay. Thank you.

1 JUDGE WOODRUFF: Anyone wish to  
2 recross based on those questions from the bench?

3 MR. CHAMBERLAIN: Yes.

4 JUDGE WOODRUFF: For Wal-Mart.

5 EXAMINATION

6 QUESTIONS BY MR. CHAMBERLAIN:

7 Q. Just very briefly.

8 Mr. Davis you were asked by  
9 Commissioner Hall some questions regarding the  
10 other factors you discussed at page 16. Do you  
11 recall that?

12 A. Yes, I do.

13 Q. Could you direct me where in your  
14 testimony you provide an analysis and  
15 quantification of those factors?

16 A. I didn't. In fact that kind of gets  
17 to what I see as the general trends in terms of  
18 where the parties are. I see a lot of quantitative  
19 agreement in terms of which classes are above and  
20 which classes are below and the disagreement I  
21 really see is how to weight these types of  
22 considerations and what other considerations should  
23 be taken into account.

24 Q. But when you consider these other  
25 factors it just so happens that all the classes

1 **come out at 9.65 percent?**

2 A. Yeah, I mean there's really no  
3 quantitative analysis around these to tell me oh,  
4 this class should be, you know, slightly above or  
5 slightly less, it's just on balance and across the  
6 board increase makes sense.

7 **Q. Thank you.**

8 JUDGE WOODRUFF: Any other recross?  
9 Redirect?

10 MR. MITTEN: Briefly Your Honor.

11 EXAMINATION

12 QUESTIONS BY MR. MITTEN:

13 **Q. Mr. Davis Mr. Allison was asking you**  
14 **some questions and you started to tell him about**  
15 **how energy efficiency fits into Ameren Missouri's**  
16 **proposed rate design in this case. Could you**  
17 **continue with the answer that Mr. Allison cut you**  
18 **off on?**

19 A. Yeah. I mean that was with regard to  
20 the cost of service as well I believe and if I  
21 remember correctly, and really I mentioned that  
22 earlier when I was talking to Commissioner Hall is  
23 about the fact that if there's a class that's  
24 achieving higher than average energy savings then  
25 over time less costs will be allocated to that

1 customer class so you see this trend, so for  
2 example even though the residential class is above  
3 its cost of service today that over time because of  
4 energy savings and way the allocations work they're  
5 actually going to get closer to their cost of  
6 service without any judgments necessary done by the  
7 Commission.

8 **Q. Could you please turn to page 16 of**  
9 **your rebuttal testimony?**

10 A. Okay.

11 **Q. Are you there?**

12 A. Yes.

13 **Q. Mr. Allison asked you a number of**  
14 **questions about table 3 and you indicated that**  
15 **overall Ameren Missouri's rates are lower than any**  
16 **other investor-owned utility operating in Missouri,**  
17 **isn't that correct?**

18 A. Yes.

19 **Q. What relationship does overall rates**  
20 **have to the customer charge?**

21 A. Well, I would say it's not entirely  
22 clear because as we think about, I would expect the  
23 constructs to be similar between us and the  
24 other companies but I don't have any details about  
25 that. Regardless the fact that they have higher

1 customer charges is an indication, is maybe an  
2 indication to Ameren's customer charges too low as  
3 well but because we can't, I guess because I don't  
4 know the relative difference between those I can't  
5 conclude that Ameren's customer charge is out of  
6 line in any way.

7 **Q. Well, assuming there is a**  
8 **relationship between overall rates and the customer**  
9 **charge if overall rates are increased in this case**  
10 **would you expect the customer charge to increase as**  
11 **well?**

12 A. Yes, I would.

13 **Q. And is that what Ameren Missouri is**  
14 **proposing to do in this case?**

15 A. That's exactly what we propose to do.  
16 I think Mr. Mitten mentioned it earlier, our  
17 request is to increase actually both the customer  
18 and the volumetric charge by the average increase  
19 for residential class. So if the residential class  
20 got a 6 percent increase we would propose that the  
21 customer charge itself be increased by 6 percent.  
22 And the significance of that is as long as the  
23 customer's usage patterns don't change and all the  
24 customers in that class would involve the same  
25 percentage increase. If you don't increase the

1 customer charge then any customer for any reason  
2 whether they're an above average user would  
3 actually be given an above average increase.

4 MR. MITTEN: No further questions.  
5 Thank you, Your Honor.

6 JUDGE WOODRUFF: All right.

7 Mr. Davis you can step down.

8 A. Thank you.

9 JUDGE WOODRUFF: Next witness is Mr.  
10 Brubaker for MIEC.

11 JUDGE WOODRUFF: Good afternoon.

12 MR. BRUBAKER: Good afternoon.

13 (Whereupon, the witness was sworn)

14 JUDGE WOODRUFF: Thank you.

15 You may inquire.

16 EXAMINATION

17 QUESTIONS BY MR. DOWNEY:

18 Q. Please state your name.

19 A. It's Morris Brubaker.

20 Q. And where do you work?

21 A. Brubaker & Associates.

22 Q. And your business address?

23 A. Is 16690 Swingley Ridge Road,  
24 Chesterfield, Missouri 63017.

25 Q. And did you prepare pre-filed

1 **testimonies in this case?**

2 A. I did.

3 **Q. Do you have Exhibits 53, 54 and 55 in**  
4 **front of you?**

5 A. I do.

6 **Q. Is Exhibit 503 your direct testimony?**

7 A. Yes.

8 **Q. And 504 your rebuttal?**

9 A. Yes.

10 **Q. And 505 your surrebuttal?**

11 A. Yes.

12 **Q. Do have you any corrections you'd**  
13 **like to make to those testimonies?**

14 A. I do have a few I would like to make.

15 The first would be in the rebuttal. Just by way of  
16 introduction in a few places I referred to Dr. Mark  
17 as Mr. Mark and I would like to correct that  
18 reference just to be respectful of his degree so my  
19 apologies and the corrections are all follows:

20 Page 7, line 13, change Mr. to Dr. Page 8, line  
21 20, same change. Page 9, line 6 and line 16, and  
22 in the surrebuttal page 17, line 16.

23 **Q. Other than those changes do you have**  
24 **any corrections or changes to any of your pre-filed**  
25 **testimony?**

1 A. I do not.

2 Q. If I were to ask you the questions in  
3 those testimonies would your answers be the same?

4 A. They would.

5 Q. And are they true and correct to the  
6 best of your knowledge and belief?

7 A. They are.

8 MR. DOWNEY: Your Honor, I think Mr.,  
9 well, I know Mr. Brubaker will be testifying next  
10 week so I will offer the Exhibits 503 through 505  
11 but I understand you're going to reserve ruling?

12 JUDGE WOODRUFF: That is correct.  
13 They'll be offered and I'll defer ruling to the  
14 last time he's on the stand.

15 And for cross examination we would  
16 begin with Public Counsel.

17 EXAMINATION

18 QUESTIONS BY MR. ALLISON:

19 Q. Mr. Brubaker just a couple of  
20 questions.

21 In this case you've been retained by  
22 whom?

23 A. Missouri Industrial Energy Consumers.

24 Q. And for how long have you been  
25 retained by the Missouri Industrial Energy

1 **Consumers?**

2 A. A number of years. I don't recall  
3 when they adapted that name officially, I started  
4 working with many of the same companies who are now  
5 in MIEC in the early 1970s.

6 Q. **And Industrial Energy Consumers, is**  
7 **it fair to characterize Industrial Energy Consumers**  
8 **as typically having a higher load factor and usage**  
9 **profile than your typical residential consumer?**

10 A. That would be accurate.

11 Q. **And you've testified on behalf of the**  
12 **Industrial Energy Consumers in this rate case and**  
13 **in, we've had I guess five prior to this. Have you**  
14 **testified for the Industrial Energy Consumers in**  
15 **the five prior rate cases?**

16 A. I believe so, yes.

17 Q. **Okay. And the Industrial Energy**  
18 **Consumers are paying you for your testimony, isn't**  
19 **that correct?**

20 A. I certainly hope so.

21 Q. **Well I would hope so too for your**  
22 **sake.**

23 Q. **All right. Fair enough. I just**  
24 **wanted to make that clear for the record and thank**  
25 **you for your time.**

1 JUDGE WOODRUFF: Consumer's Council?

2 MR. COFFMAN: No questions.

3 JUDGE WOODRUFF: Staff?

4 MR. ANTAL: No questions. Thank you.

5 JUDGE WOODRUFF: Wal-Mart?

6 MR. CHAMBERLAIN: No questions.

7 JUDGE WOODRUFF: MECG?

8 MR. WOODSMALL: Thank you, Your

9 Honor. And I found an easier way to do it.

10 EXAMINATION

11 QUESTIONS BY MR. WOODSMALL:

12 Q. Exhibit 977, I'm just going to mark  
13 them all as one exhibit.

14 Q. Hand you what has been marked as  
15 Exhibit 977. Can you identify that for me please?

16 A. It looks like my responses to MECG's  
17 data requests in this case.

18 Q. And those are your class cost of  
19 service results in this case as well as the five  
20 previous cases?

21 A. Yes.

22 MR. WOODSMALL: I'd move for the  
23 admission of Exhibit 977 Your Honor.

24 JUDGE WOODRUFF: I'm going through  
25 here to make sure we have exactly what we're

1 supposed to have.

2 MR. WOODSMALL: There should be seven  
3 sheets.

4 JUDGE WOODRUFF: 6.1, 6.2, 6.4, 6.5  
5 and 6.6.

6 MR. WOODSMALL: Yeah, and then 6.4  
7 and then this one.

8 JUDGE WOODRUFF: Right. Is this part  
9 of the document?

10 MR. WOODSMALL: No. The results that  
11 I, the e-mail that I got with the answer was  
12 duplicative so I took it out of the previous case.

13 JUDGE WOODRUFF: Okay. So it's a  
14 data request number 4 from the 2012 case.

15 MR. WOODSMALL: Right.

16 JUDGE WOODRUFF: 6.5, 6.6 and then we  
17 have --

18 MR. WOODSMALL: I stapled one --

19 JUDGE WOODRUFF: Which is part of --

20 MR. WOODSMALL: This case, yeah.

21 JUDGE WOODRUFF: Okay.

22 MR. WOODSMALL: Move for the  
23 admission of 977 Your Honor.

24 JUDGE WOODRUFF: 977 has been  
25 offered, any objections to its receipt?

1 Hearing none it will be received.

2 MR. WOODSMALL: No further questions.

3 Thank you.

4 JUDGE WOODRUFF: Okay. And for

5 Ameren?

6 MR. MITTEN: No questions.

7 JUDGE WOODRUFF: Okay.

8 Open up for questions from the bench

9 then.

10 Mr. Chairman.

11 CHAIRMAN KENNEY: Mr. Brubaker no

12 questions. Thank you.

13 JUDGE WOODRUFF: Mr. Kenney?

14 COMMISSIONER KENNEY: No questions.

15 Thank you.

16 JUDGE WOODRUFF: Mr. Hall?

17 COMMISSIONER HALL: No questions.

18 Thank you.

19 JUDGE WOODRUFF: If there are no

20 questions from the bench no need for recross, any

21 redirect?

22 MR. DOWNEY: No.

23 JUDGE WOODRUFF: Okay.

24 Mr. Brubaker you can step down.

25 A. Thank you.

1 JUDGE WOODRUFF: Next witness then  
2 would be Mr. Scheperle for the Staff.

3 MR. ANTAL: Staff calls Mike  
4 Scheperle.

5 (Whereupon, the witness was sworn)

6 EXAMINATION

7 QUESTIONS BY MR. ANTAL:

8 Q. Mr. Scheperle would you please state  
9 and spell your name for the court reporter?

10 A. My name Michael Scheperle and  
11 Scheperle is spelled S-C-H-E-P-E-R-L-E.

12 Q. Mr. Scheperle how are you employed?

13 A. I'm employed as the manager of  
14 economic analysis at the Missouri Public Service  
15 Commission.

16 Q. Mr. Scheperle, are you the same Mike  
17 Scheperle who prepared or caused to have prepared  
18 sections of Staff's rate design, class cost of  
19 service study as well as direct rebuttal and  
20 surrebuttal testimony in this case?

21 A. Yes.

22 Q. Okay. Do you have any corrections to  
23 any of that testimony at this time?

24 A. I am not aware of any.

25 Q. And if I asked you the same questions

1 would your answers be the same?

2 A. They would.

3 Q. Do you have, and are those answers  
4 true and accurate to the best of your knowledge and  
5 belief?

6 A. Yes.

7 Q. Okay.

8 MR. ANTAL: Your Honor at this time  
9 Staff will offer the testimony of Mr. Scheperle but  
10 actually be returning later in the case.

11 JUDGE WOODRUFF: Okay.

12 all right. 232, 233 and 234 have  
13 been offered and I will defer ruling on them.

14 MR. ANTAL: And we will tender the  
15 witness for cross.

16 JUDGE WOODRUFF: Okay. Thank you.  
17 And I noted there it was noted on the order of  
18 cross for Staff and Public Counsel witnesses that  
19 MIEC would go last and that's what we'll do.

20 So beginning with Public Counsel.

21 MR. ALLISON: No questions.

22 JUDGE WOODRUFF: Consumers Council?

23 MR. COFFMAN: No questions.

24 JUDGE WOODRUFF: Wal-Mart?

25 MR. CHAMBERLAIN: No questions.

1 JUDGE WOODRUFF: MECG?

2 MR. WOODSMALL: I would hope someone  
3 would ask a bunch of questions. If I can have five  
4 minutes I'll make putting these exhibits in a lot  
5 quicker.

6 JUDGE WOODRUFF: Okay if we go on  
7 with somebody else?

8 MR. WOODSMALL: Absolutely.

9 JUDGE WOODRUFF: Then we skip down to  
10 Ameren Missouri?

11 MR. MITTEN: No questions, Your  
12 Honor.

13 JUDGE WOODRUFF: MIEC?

14 MR. DOWNEY: I'll bail you out David.

15 EXAMINATION

16 QUESTIONS BY MR. DOWNEY:

17 Q. Good afternoon Mr. Scheperle.

18 A. Good afternoon.

19 Q. Is it correct that you are  
20 responsible for making Staff's recommendation on  
21 how any increase of revenues to Ameren Missouri in  
22 this case should be distributed among the customer  
23 classes?

24 A. That deals with rate design and Brad  
25 Forston is my colleague that's made the

1 recommendation on that but I am sponsoring all of,  
2 I am sponsoring the Staff report and that is  
3 included in the Staff report.

4 Q. Okay. So can I call that a qualified  
5 yes?

6 A. Yes.

7 Q. All right. And in coming up with the  
8 recommendation did the Staff have the benefit of  
9 the cost of service study prepared by Ameren  
10 Missouri?

11 A. Yes.

12 Q. And also several other cost of  
13 service studies, right?

14 A. Would you qualify what you mean by  
15 other?

16 Q. I'm sorry. Has cost of service  
17 studies of MIEC -- never mind.

18 A. I mean those were filed in direct  
19 testimony but I did not, Staff filed direct  
20 testimony at the same time.

21 Q. All right. I understand. All right.

22 A. So I had the benefit of Ameren  
23 Missouri's class cost of study and Staff's.

24 A. Yes.

25 Q. Class cost of service study.

1 A. Yes.

2 Q. Were you the Staff witness on class  
3 cost of service in the last Ameren Missouri rate  
4 case?

5 A. Yes.

6 Q. And you hesitated because you were  
7 probably one of many, is that fair? One of many  
8 witnesses on that issue.

9 A. You're talking about the class cost  
10 of service in the previous Ameren case?

11 Q. Yes, sir.

12 A. I believe I was the main witness in  
13 that.

14 Q. Okay. Fair enough. And in that case  
15 did you allocate off system sales revenues on the  
16 basis of class kilowatt hours at the generation  
17 level?

18 A. Yes, I did.

19 Q. And is that a method that has been  
20 approved by this Commission in prior cases?

21 A. That has been approved by this  
22 Commission in prior cases, yes.

23 Q. Thank you.

24 Now, after reviewing at least two  
25 class cost of service studies -- I'm going to

1 rephrase that.

2 After reviewing Staff and Ameren's  
3 class cost of service studies you recommended  
4 either revenue neutral impacts or small deviations  
5 from revenue neutral impacts, is that fair to say?

6 A. Yes. With my colleague Mr. Forston.

7 Q. Again with that correction.

8 Thank you. No further questions.

9 MR. WOODSMALL: I believe I'm up to  
10 978.

11 JUDGE WOODRUFF: That would be  
12 correct.

13 EXAMINATION

14 QUESTIONS BY MR. WOODSMALL:

15 Q. Hand you what has been marked as  
16 Exhibit 978. Can you identify that document for me  
17 please?

18 A. These are a set of data requests to  
19 Staff from MEUA and it's data request 0604 through  
20 0609.

21 Q. And those are the class, or the  
22 Staff's class cost of service study results in the  
23 last five and this rate case, is that correct?

24 A. That is correct.

25 MR. WOODSMALL: Move for the

1 admission of Exhibit 978 Your Honor.

2 JUDGE WOODRUFF: 978 has been  
3 offered. Any objections to its receipt?

4 MR. ANTAL: No objection.

5 JUDGE WOODRUFF: Hearing no  
6 objections it will be received.

7 MR. WOODSMALL: No further questions.  
8 Thank you.

9 JUDGE WOODRUFF: Open up for  
10 questions from the bench.

11 Mr. Chairman?

12 CHAIRMAN KENNEY: No questions.

13 Thank you Mr. Scheperle.

14 COMMISSIONER KENNEY: No questions.

15 Thank you.

16 JUDGE WOODRUFF: Mr. Hall?

17

18 EXAMINATION

19 QUESTIONS BY COMMISSIONER HALL:

20 Q. You were in the hearing room when Mr.  
21 Davis testified a half hour ago or so?

22 A. Yes.

23 Q. Okay. And you heard his discussion  
24 of the other factors that he believes the  
25 Commission should take into account and in so doing

1 deviate from a straight cost of service analysis to  
2 an across the board approach.

3 A. Yes.

4 Q. What did you think of that, of his  
5 argument?

6 A. I don't think Staff's ever taken that  
7 approach, I know in the last two or three cases  
8 that we've always tried to move towards class cost  
9 of service by making some revenue neutral  
10 adjustments.

11 Q. Okay. So it's your understanding  
12 that Staff has never taken that position in a rate  
13 case previously.

14 A. I wouldn't say forever but I am aware  
15 of the last two or three cases that we have made  
16 some revenue neutral adjustments.

17 Q. Okay. Well, putting aside what we've  
18 done previously, we, the Commission, done  
19 previously, what do you think about the argument  
20 that he makes that we should take these other  
21 factors into account and I assume that you don't  
22 agree with them but I'm interested in why.

23 Q. I think I take the approach that we,  
24 that in any rate case if a class cost of service  
25 study is conducted that there should be revenue

1 neutral adjustments made to move classes closer to  
2 the class cost of service.

3 Q. Okay. So that's just an absolute  
4 goal of yours and of Staff to the extent possible  
5 stick to cost of service when setting, when  
6 designing rates.

7 A. Yes.

8 Q. Okay. Thank you.

9 JUDGE WOODRUFF: Anyone wish to  
10 recross based on questions from the bench?

11 Public Counsel.

12 EXAMINATION

13 QUESTIONS BY MR. ALLISON:

14 Q. Thank you Mr. Scheperle. I just want  
15 to make clear I understand Staff's position. As I  
16 understand it or as I read it, correct me if I'm  
17 wrong, Staff's position isn't to move on a revenue  
18 neutral basis to the results of its class cost of  
19 service study in this case, is it?

20 A. We're moving towards it.

21 Q. And that gets to my next question  
22 which is is it an incremental movement but it is  
23 not moving all the way to the results of your  
24 finding, is that correct?

25 A. It is an incremental movement.

1           **Q.**       **And is the reason that you're**  
2       **applying an incremental movement related to the**  
3       **other factors that Commissioner Hall just**  
4       **referenced?**

5           A.       Yes.

6           **Q.**       **Okay. So you are in fact applying**  
7       **those other factors as part of your recommendation**  
8       **here, correct?**

9           A.       Yes.

10          **Q.**       **Okay. Thank you.**

11                   MR. ALLISON: That's all.

12                   JUDGE WOODRUFF: Any other recross?

13                   MR. MITTEN: Mr. Scheperle briefly.

14       Cost of service isn't the only considerations Staff  
15       took into consideration in connection with its  
16       residential customer charge recommendation in this  
17       case, is it?

18           A.       There was other considerations for  
19       the customer charge, residential customer charge.

20          **Q.**       **Thank you.**

21                   JUDGE WOODRUFF: Redirect?

22                   MR. ANTAL: Nothing. Thank you.

23                   JUDGE WOODRUFF: Then Mr. Scheperle  
24       you can step down.

25                   Next name on the list is Robin

1 Kliethermes.

2 MR. ANTAL: Staff calls Ms. Robin

3 Kliethermes.

4 (Whereupon, the witness was sworn)

5 JUDGE WOODRUFF: You may inquire.

6 EXAMINATION

7 QUESTIONS BY MR. ANTAL:

8 Q. Ms. Kliethermes, will you please  
9 state your name and spell it for the court  
10 reporter?

11 A. Robin Kliethermes, Kliethermes is  
12 K-L-I-E-T-H-E-R-M-E-S.

13 Q. And Ms. Kliethermes, how are you  
14 employed?

15 A. I am a regulatory economist with the  
16 Missouri Public Service Commission.

17 Q. Ms. Kliethermes, are you the same Ms.  
18 Robin Kliethermes who prepared or caused to have  
19 prepared sections of Staff's rate design, rate  
20 design class cost of service revenue requirement  
21 cost of service as well as rebuttal and surrebuttal  
22 testimony in this case?

23 A. Yes.

24 Q. Okay. And do you have corrections to  
25 any of those testimonies at this time?

1 A. I do not.

2 Q. If I were to ask you the same  
3 questions would your answers be the same?

4 A. Yes.

5 Q. And are those answers true and  
6 accurate to the best of your knowledge and belief?

7 A. Yes.

8 Q. Okay.

9 MR. ANTAL: Your Honor we will now  
10 offer the rebuttal and surrebuttal testimony of Ms.  
11 Robin Kliethermes. I believe this is the only time  
12 she is scheduled to appear.

13 JUDGE WOODRUFF: That would be 219  
14 and 220, they've been offered.

15 Any objection to their receipt?

16 Hearing none they would be received.

17 MR. ANTAL: Tender the witness for  
18 cross.

19 JUDGE WOODRUFF: Thank you.

20 For cross we begin with Public  
21 Counsel.

22 EXAMINATION

23 QUESTIONS BY MR. ALLISON:

24 Q. Hi ma'am, how are you?

25 A. Good, how about you?

1 Q. Very well. I'd like to turn your  
2 attention to page 44 of Staff's rate design and  
3 class cost of service report. Do you have it with  
4 you?

5 A. Yes.

6 Q. Okay. Great.

7 A. Okay.

8 Q. Okay. So page 44 it looks like you  
9 state the costs included for recovery through the  
10 customer charge consists of the following and then  
11 you list two, four, six, eight, 12 different costs,  
12 is that correct?

13 A. Yes.

14 Q. Okay. And it goes, it will be in the  
15 record so I won't belabor the point. How do you  
16 understand those costs to be different from the  
17 costs that Ameren would include in the customer  
18 charge?

19 A. So these costs, what Ameren would  
20 include would be these same costs but in addition  
21 to portions of the distribution accounts.

22 Q. Okay. And so when you calculate  
23 your, I think the testimony is \$8.11 charge.

24 A. Yes.

25 Q. You are excluding distribution,

1 correct?

2 A. We're including distribution service  
3 lines and meters but excluding everything else.

4 Q. Including distribution servicing and  
5 meters and customer installations but excluding  
6 everything else.

7 A. Yes.

8 Q. Fair enough. Why does Staff take  
9 that approach?

10 A. This is Staff's position because it's  
11 more understandably connected to a customer rather  
12 than, you know, it's Staff's position that it may  
13 take more than one customer to increase the cost of  
14 the distribution system all the way up to, you  
15 know, to the generator so to get for like say one  
16 more additional customer maybe it's easier to  
17 connect these costs to an additional customer  
18 versus additional distribution infrastructure.

19 Q. And is it your understanding that  
20 Staff's approach is consistent with a traditional  
21 approach to applying customer charges to the  
22 individual customer as apposed to aggregated  
23 customers, or, if it's outside your knowledge  
24 please, that's okay. I'm not asking for anything  
25 you don't know.

1 A. Yeah.

2 Q. That's fair. Thank you, I saw the  
3 look on your face. That's fine.

4 So Staff's approach, just to make  
5 sure I understand your testimony, Staff's approach  
6 is those costs which are reasonably attributable to  
7 the individual customer should be included in the  
8 customer charge and those costs that are not  
9 reasonably attributable to the individual customer  
10 should be excluded from the customer charge and in  
11 the variable component, is that correct?

12 A. Correct.

13 Q. And it is Staff's position that not  
14 every quote unquote fixed cost should be in the  
15 customer charge, is that correct?

16 A. Correct.

17 Q. Okay.  
18 Thank you, I have nothing further.

19 JUDGE WOODRUFF: Consumer Council?

20 MR. COFFMAN: No questions.

21 JUDGE WOODRUFF: Wal-Mart?

22 MR. CHAMBERLAIN: No questions.

23 JUDGE WOODRUFF: MECG?

24 MR. WOODSMALL: No questions.

25 JUDGE WOODRUFF: Ameren?

1 MR. MITTEN: Thank you, Your Honor.

2 EXAMINATION

3 QUESTIONS BY MR. MITTEN:

4 Q. Ms. Kliethermes I'd like to first  
5 focus on Mr. Allison's questions to you. You  
6 indicated that Staff believes that the items that  
7 are listed on page 44 of the class, of the Staff  
8 class cost of service report are the costs that you  
9 can identify as attributable to a single customer,  
10 is that correct?

11 A. I think it's more easily identified  
12 to a single customer.

13 Q. And you I think conceded in your  
14 answer that the distribution plant certainly could  
15 be identified to a group of customers as you go  
16 from their individual location all the way to the  
17 generator, is that right?

18 A. Yes.

19 Q. The customer charge that Ameren is  
20 proposing for the residential class is applicable  
21 to the entire class of residential customers, isn't  
22 that correct?

23 A. Correct.

24 Q. And doesn't that class of customers  
25 use distribution plant irrespective of the amount

1 of electricity they use?

2 A. Yes.

3 Q. In this particular case Ameren  
4 Missouri's current customer charge is \$8 and  
5 Staff's opposes any increase in that charge, is  
6 that correct?

7 A. Yes.

8 Q. Were you aware that Ameren Missouri's  
9 last rate case Staff supported an increase in the  
10 monthly residential customer charge to \$9?

11 A. Yes.

12 Q. In response to several of Ameren's  
13 Missouri's data requests in this case Staff stated  
14 that it had received policy guidance from the  
15 Commission in its report and order in Ameren  
16 Missouri's last rate case, is that right?

17 A. Yes.

18 Q. Was Staff referring to the statements  
19 in that report in order to the effect that shifting  
20 costs from variable volumetric rates which a  
21 customer can reduce through energy efficiency uses  
22 to fixed customer charges that can't be reduced  
23 through energy efficiency will tend to reduce  
24 customer's incentives to save electricity?

25 A. No -- no.

1           **Q.       Well what particular guidance in the**  
2 **report and order in Missouri's last general rate**  
3 **case were you relying on?**

4           A.       What we're relying on, I mean the  
5 guidance you stated but not in order to shift  
6 costs, that's not why we were relying on the  
7 guidance.

8           **Q.       But is that the reliance that you**  
9 **relied on to oppose any increase in the customer**  
10 **charge in this case?**

11          A.       No, it was to support our position on  
12 the customer charge.

13          **Q.       So that guidance, the sentiment in**  
14 **the Commission's report and order that I just**  
15 **indicated in my question, that had no effect**  
16 **whatsoever on Staff's decision to oppose any**  
17 **increase in the customer charge in this case?**

18          A.       No effect? I wouldn't say no effect.

19          **Q.       What effect did it have?**

20          A.       Okay. Staff, so Staff calculated a  
21 residential customer charge of \$8.11. Based on the  
22 guidance from the previous case it helped us to say  
23 okay, rather than recommend move to \$8.11 leave it  
24 at \$8.

25          **Q.       And what was the guidance that caused**

1 you to decide that no movement in the customer  
2 charge was appropriate in this case?

3 A. I guess you could say that guidance.

4 Q. Was the guidance that it would be a  
5 disincentive to customers to add energy efficiency  
6 measures?

7 A. I don't think we -- yes, that  
8 guidance, yes. If you're referring to the  
9 statement that I listed in surrebuttal testimony,  
10 yes, that guidance.

11 Q. Would you agree that if a significant  
12 portion of fixed costs that Ameren Missouri incurs  
13 to serve the residential rate class are being  
14 collected in volumetric rates, doesn't that  
15 volumetric rate send a false economics signal to  
16 customers as to how much they would really be  
17 saving if they adopt energy efficiency measures?

18 A. Would you restate that one more time?

19 Q. I said if a significant portion of  
20 Ameren Missouri's fixed costs are currently being  
21 collected through volumetric rates aren't those  
22 volumetric rates sending a false signal to  
23 customers as to how much they'll be saving if they  
24 adopt energy efficiency measures?

25 A. I don't know. When you say Ameren's

1 fixed costs are we talking fixed distribution costs  
2 or do you mean all Ameren Missouri fixed costs?

3 Q. All fixed costs that would be  
4 included in a monthly customer charge. If a big  
5 portion of those fixed costs are being recovered  
6 through volumetric rates wouldn't those volumetric  
7 rates be sending a false signal to customers as to  
8 how much they would be saving in terms of the cost  
9 of providing them service by adopting energy  
10 efficiency measures?

11 A. I don't know. I mean that's not  
12 something, that's not something I analyzed, I don't  
13 know.

14 Q. Are you familiar with the MEEIA  
15 statute in Missouri?

16 A. Familiar with it, yes. But I am not  
17 assigned to the case so I have not worked on that.

18 MR. MITTEN: May I approach the  
19 witness Your Honor?

20 JUDGE WOODRUFF: You may.

21 Q. (BY MR. MITTEN) Ms. Kliethermes,  
22 I've handed you a copy of the section 393 1075.1  
23 and as you can see from the first line there this  
24 section shall be known as the Missouri Energy  
25 Efficiency Investment Act. Is that the MEEIA

1 statute?

2 A. Yes. I mean it looks like it, I've  
3 never, I have not read this exact statute.

4 Q. Could you read to yourself subsection  
5 3 of that statute which I've highlighted?

6 A. (Reviewing document). It shall be  
7 the policy of the state -- do you want me to read  
8 it out loud?

9 Q. You can read it to yourself or read  
10 it out loud, whichever you prefer.

11 A. Sorry. (Reviewing document).

12 Okay.

13 Q. Doesn't that say that it's the policy  
14 of the state to support cost effective demand site  
15 programs?

16 MR. ANTAL: Objection, relevance.

17 JUDGE WOODRUFF: Overruled.

18 A. It says cost effective demand site  
19 programs.

20 Q. (BY MR. MITTEN) Ms. Kliethermes, if  
21 a customer isn't getting an accurate pricing signal  
22 regarding the cost of providing electric service,  
23 if the volumetric rates say are too high how can  
24 the customer decide whether or not an energy  
25 efficiency measure is cost effective?

1           A.        I -- I mean is that a hypothetical  
2 question? Because I don't know if they are  
3 getting, I mean I'm not familiar with this, so.

4           **Q.        It is a hypothetical question.**  
5 **Hypothetically --**

6           MR. ANTAL:  Objection Your Honor,  
7 this witness has clearly said that MEEIA statute is  
8 well outside her area of expertise.

9           JUDGE WOODRUFF:  If she doesn't know  
10 the answer she can say so but I'll allow the  
11 question.

12                    You can answer it as best you can.

13           A.        I don't know.

14           **Q.        Let me re-ask the question so the**  
15 **record is clear.**

16                    **If hypothetically speaking the**  
17 **volumetric charge for electricity is artificially**  
18 **inflated how could a customer determine based upon**  
19 **volumetric cost savings whether or not an energy**  
20 **efficiency measure is cost effective?**

21           A.        So hypothetically speaking from my  
22 limited understanding of this I guess a customer  
23 could look at their usage prior to engaging in  
24 energy efficiency and what they paid and then after  
25 energy, after they've installed energy efficiency

1 and refigure the bill at the reduced KWH rate.

2 **Q. But again if their volumetric rates**  
3 **are artificially inflated would that calculation be**  
4 **realistic in terms of whether or not the energy**  
5 **efficiency measure was cost effective?**

6 A. I don't know, I mean so they're  
7 artificially -- I don't know what you're trying to  
8 ask I guess. If their artificially inflated.

9 **Q. Hypothetically speaking if volumetric**  
10 **rates do not accurately reflect the cost of**  
11 **service, if they're artificially inflated, would**  
12 **agree with me that those provide false price**  
13 **signals or savings signals to a customer?**

14 MR. ANTAL: Objection, it assumes  
15 facts not in evidence.

16 JUDGE WOODRUFF: I'm going to  
17 overrule the objection, again the witness can just  
18 say I don't know if that's the situation.

19 A. I don't know.

20 **Q. (BY MR. MITTEN) What's your**  
21 **understanding of how rates are set in a rate case**  
22 **after the revenue requirement is determined?**

23 A. After the revenue requirement is  
24 determined we go through the class cost of service  
25 study and -- well, actually once the revenue

1 requirement is determined, you know, all that is,  
2 we would base it off the rate design  
3 recommendations and what's been decided and apply  
4 those to the rates.

5 Q. I don't want to get too far down in  
6 the weeds but generally speaking you take the  
7 revenue requirement, you allocate it to the costs  
8 and you set rates based upon the number of kilowatt  
9 hours that you expect the utility will sell during  
10 the period that rates are in effect, is that  
11 correct?

12 A. Say that one more time.

13 Q. You take the revenue requirement.

14 A. Okay.

15 Q. You allocate it to the class and then  
16 you determine the rates based the number of  
17 kilowatt hours that you believe the utility is  
18 going to sell during the period that rates are  
19 going to be in effect, is that right?

20 A. To the kilowatt hours that have been  
21 determined of the billing determinants in the case,  
22 yes.

23 Q. Well, assuming that more fixed costs  
24 are allocated to the residential class to be  
25 collected through volumetric charges?

1 A. Okay.

2 Q. Would you agree with me that the more  
3 electricity the utility sells the more fixed  
4 expenses it's going to recover?

5 A. Yes.

6 Q. And up to a point they'll be over  
7 recovering the amount of fixed expense that were  
8 actually allocated for rate making purposes, is  
9 that correct?

10 A. It would depend on usage.

11 Q. But up to a point they'll reach the  
12 level that was used for rate making purposes, is  
13 that right, and that would fully recover the fixed  
14 costs all things being equal, right?

15 A. It could.

16 Q. And each additional kilowatt hour  
17 that they sell above that would be pure profit in  
18 terms of the portion of the rate that is  
19 recommended by fixed costs, would you agree?

20 A. I mean if it, hypothetically speaking  
21 again if it went to that level, I mean, if it  
22 exceeds the billing determinants, you know, exceeds  
23 the billing determinants set in the case of how the  
24 rates were set to a level that that happens that's  
25 hypothetical possibly.

1           **Q.       But doesn't that provide a real**  
2 **incentive for the copy to sell as many kilowatt**  
3 **hours of electricity as it possibly can?**

4           MR. ANTAL: Objection, calls for a  
5 conclusion that the witness can't make. She's not  
6 an Ameren executive.

7           JUDGE WOODRUFF: I'll overrule the  
8 objection.

9           You can answer it if you can.

10          A.       I don't know.

11          **Q.       You don't know.**

12          MR. MITTEN: No further questions.  
13 Thank you.

14          JUDGE WOODRUFF: All right. For  
15 MIEC.

16          MR. DOWNEY: No questions -- I'm  
17 sorry, Judge, I did.

18          JUDGE WOODRUFF: Go ahead.

19                   EXAMINATION

20          QUESTIONS BY MR. DOWNEY:

21          **Q.       Good evening.**

22          A.       Good evening.

23          MR. DOWNEY: Judge is it okay to  
24 proceed?

25          JUDGE WOODRUFF: Yes.



1 of your knowledge?

2 A. Yes.

3 Q. Okay.

4 MR. DOWNEY: I would offer Exhibit  
5 519.

6 JUDGE WOODRUFF: 519 has been  
7 offered. Any objection to its receipt?

8 Hearing none it will be received.

9 MR. DOWNEY: Nothing further Judge.

10 JUDGE WOODRUFF: Okay. Then we'll  
11 come for questions from the bench.

12 Mr. Chairman?

13 CHAIRMAN KENNEY: Thanks, no  
14 questions.

15 JUDGE WOODRUFF: Mr. Kenney?

16 EXAMINATION

17 QUESTIONS BY MR. COMMISSIONER KENNEY:

18 Q. Good afternoon. Just a  
19 clarification.

20 I was surprised to hear Staff  
21 recommended a \$9 customer charge, 12 and a half  
22 percent increase last year, the last rate case. I  
23 do have a question though. On page 3 of your  
24 surrebuttal.

25 A. Okay.

1 Q. Line 5 through 8, I'll just read it  
2 while you're getting there. Any increase to the  
3 residential customer charge would necessarily  
4 slightly decrease the bill impact and cost  
5 effectiveness of any conservation measures the  
6 customer may have implemented to be considered.

7 That's why the main concern raising  
8 the residential rate. Is that reason along with  
9 the fact that Staff counsel mentioned the  
10 Commission in their last rate case decided that it  
11 would not send out a good signal to go above the \$8  
12 charge, are those the only two reasons that Staff  
13 opposes a higher customer charge this time?

14 A. The energy conservation?

15 Q. The energy conservation and the  
16 decision that the Commission made a couple years  
17 ago.

18 A. Well, actually our class cost of  
19 service study in this case showed costs justified  
20 only \$8.11.

21 Q. Your cost study.

22 A. Yes.

23 Q. So in two years ago the class cost of  
24 study showed it greater than that?

25 A. Yes.

1 Q. It did.

2 A. Same methodology, same lists of costs  
3 I included.

4 Q. Showed \$9.

5 Okay. Thank you for the education.

6 A. Yes.

7 JUDGE WOODRUFF: Commissioner Hall?

8 COMMISSIONER HALL: Yes.

9 EXAMINATION

10 QUESTIONS BY COMMISSIONER HALL:

11 Q. Did Ameren propose a cost of service  
12 analysis on the residential customer charge that  
13 you're aware of?

14 A. An analysis like bill impacts, or? I  
15 mean what?

16 A. Well, your analysis was at \$8.11  
17 amount offered the cost and I'm wondering if Ameren  
18 did a similar analysis?

19 A. I believe they did.

20 Q. Do you know what it was? And do you  
21 know what the difference is, what inputs were  
22 different between yours and Ameren's?

23 A. Yes. So the costs that they  
24 included, same costs that I did plus parts of  
25 distribution counts 364 through 368.

1 Q. And what are --

2 A. The magnitude of those?

3 Q. What are those?

4 A. Poles through line transfers, so  
5 poles, wires, conductors, line transformers.

6 Q. And was that how they came up with  
7 the \$20 figure?

8 A. Yes.

9 Q. And you don't believe it's  
10 appropriate to include those line items, is that  
11 correct?

12 A. Correct.

13 Q. And why is that?

14 A. Just because like I stated earlier  
15 the costs that I have included indirect, the list  
16 of costs just more easily, are connected to that  
17 customer or can be related to that customer or it  
18 can be easily looked at as an additional customer  
19 causing those costs to be incurred.

20 Q. Okay. Thank you.

21 A. Thank you.

22 JUDGE WOODRUFF: Any recross based on  
23 those questions from the bench?

24 Public Counsel.

25 EXAMINATION

1 QUESTIONS BY MR. ALLISON:

2 Q. Thank you. I just want to make  
3 clear, this is called the customer charge, not the  
4 fixed cost charge, isn't that right?

5 A. Correct.

6 Q. Okay. So what is the purpose of the  
7 customer charge to your understanding?

8 A. The purpose of the customer charge is  
9 to recover costs that directly vary with the number  
10 of customers.

11 Q. So it's customer related, not fixed  
12 cost related, isn't that right?

13 A. Correct.

14 Q. Fair enough. And is there a point at  
15 which, and you may not be able to answer this but  
16 I'm going to give it a shot and if not I'll ask  
17 somebody else. Is there a point at which the  
18 change in the customer charge would have no impact  
19 on conservation? Put another way is there some de  
20 minimus change in the customer charge in which  
21 you're not really affecting price signals and to  
22 the extent it's outside your area of expertise  
23 that's fine, but, you know if you can answer I'd be  
24 interested in hearing your answer.

25 A. I don't know an exact increase in the

1 customer charge that would make, because with  
2 energy efficiency that depends on people's habits  
3 and people change based on some sort of level of  
4 costs that they're willing to pay so I'm not for  
5 sure of an exact increase in the customer charge  
6 but --

7 **Q. Do you believe that there's some de**  
8 **minus level that doesn't have anything to do with**  
9 **whether or not it sends the right price signal for**  
10 **conservation or not and it's really just cost**  
11 **based? Is there some de minus change that is**  
12 **relevant to the conservation question at all?**

13 A. You could do a signal, any small,  
14 like I said in my testimony any small increase  
15 would maybe have a slight change, it depends on  
16 what change -- I don't know I guess.

17 **Q. That's fair. I'll ask you one more**  
18 **question and if you say you don't know that's fine.**

19 **Is an 11 cent change large enough to**  
20 **be de minus or is that more than, signal enough**  
21 **or de minus or is it more than de minus?**

22 A. It's small enough.

23 **Q. Okay. Thank you.**

24 JUDGE WOODRUFF: Ameren?

25 EXAMINATION

1 QUESTIONS BY MR. MITTEN:

2 Q. What effect on energy efficiency  
3 investment will a 50 cent a month increase in the  
4 customer charge have?

5 A. I don't know.

6 Q. And in response to a question from  
7 Commissioner Hall you indicated that the investment  
8 that you had excluded from the calculation of  
9 Staff's customer charge included expenses for  
10 poles, wires, conductors and line transformers, is  
11 that correct?

12 A. Yes.

13 Q. As a customer class would you agree  
14 with me that you have to have poles, wires,  
15 conductors and line transformers in order to  
16 provide the first increment of electricity to  
17 customers?

18 A. That you have to have all the  
19 infrastructure in place to serve customers.

20 Q. Yes.

21 A. Yes.

22 Q. So at least some of that investment  
23 is usage sensitive, would you agree?

24 A. Correct.

25 Q. Thank you.

1 JUDGE WOODRUFF: Then redirect?

2 MR. ANTAL: Okay.

3 EXAMINATION

4 QUESTIONS BY MR. ANTAL:

5 Q. You were asked several questions by  
6 several different individuals regarding Staff's  
7 class cost of service residential customer charge  
8 in the last Ameren rate case. If you remember what  
9 was Staff's class cost of service results for the  
10 residential customer charge?

11 A. The class cost of service result for  
12 the customer charge was \$8.97.

13 Q. Okay. And as you said Staff  
14 recommended a \$9 customer charge in that case.

15 A. Correct.

16 Q. Okay. What are the main drivers or  
17 the main differences between the prior rate case  
18 and this rate case impacting the Staff's, you know,  
19 class customer study in regards to the residential  
20 customer charge?

21 A. I mean costs have changed, the same  
22 cost categories we included from the last case to  
23 this case in our calculation of the residential  
24 customer charge the magnitude of some of those  
25 costs have changed and one of the, one of the

1 accounts that had the most, I guess the magnitude  
2 change the most was the distribution service lines  
3 account, 369.

4 **Q. Could you elaborate on that any?**

5 A. It was, it's over depreciated so we  
6 include investment and expenses in the customer  
7 charge and so the investment of that went negative  
8 in this cause so that was a big change from last  
9 case to this case.

10 **Q. Okay. What type of items are in**  
11 **those accounts?**

12 A. In the service, the 369? Service  
13 drops, underground and overhead service drops for  
14 customers.

15 **Q. Okay. How are demand related costs**  
16 **recorded from the residential class right now?**

17 A. Currently through the energy charge,  
18 the kilowatt hour charge.

19 **Q. And Mr. Mitten's hypo he said to**  
20 **assume energy rates are artificially inflated.**  
21 **What is the appropriate customer charge under your**  
22 **study?**

23 A. Under our, Staff's class cost of  
24 service study.

25 **Q. Yes.**

1 A. It is the \$8.11.

2 Q. Okay. Now going back to Mr. Mitten's  
3 hypo he used the term artificially inflated. If  
4 you can answer this do you believe the term  
5 artificially inflated is a matter of opinion?

6 A. Yes.

7 Q. Okay. Could a person believe that  
8 Ameren's rates currently are artificially inflated?

9 A. Maybe.

10 Q. Okay. That's fine. Mr. Mitten was  
11 also, asked you some questions about price signals  
12 and energy efficiency distortions. Are you an  
13 expert on the price signals that these rates give  
14 customers? Or is it something that you've  
15 analyzed?

16 A. On the price signals that these give  
17 customers --

18 Q. Never mind, that was a bad question.  
19 You were talking about energy  
20 efficiency and the impact on energy efficiency that  
21 these rates have. Is it not true that in your  
22 testimony the guidance that you based your  
23 recommendation on was that the Commission wanted to  
24 maximize energy conservation?

25 A. Yes.

1           **Q.       Is energy efficiency and energy**  
2 **conservation one in the same?**

3           A.       No.

4           **Q.       Okay.**

5           **Thank you.**

6           JUDGE WOODRUFF: You can step down.

7           MR. DOWNEY: Judge can we take a  
8 break?

9           JUDGE WOODRUFF: Well I'll ask. The  
10 next witness is Sarah Kliethermes, does anyone have  
11 extensive cross for her? Should we wait until  
12 tomorrow to finish her up or can we finish up after  
13 a quick break.

14                   let's just go ahead and stop for the  
15 day. We'll resume tomorrow morning at 8:30.

16

17       (Whereupon, the hearing adjourned at 4:46 p.m.)

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REPORTER CERTIFICATE

I, SUZANNE BENOIST, Certified Shorthand Reporter, do hereby certify that there came before me at the Missouri Public Service Commission, 200 Madison Street, Jefferson City, MO 65102, the above-referenced parties, that the proceeding was translated and proofread using computer-aided transcription, and the above transcript of proceedings is a true and accurate transcript of my notes as taken at the time of said event.

I further certify that I am neither attorney nor counsel for nor related nor employed by any of the parties to the action in which this examination is taken; further, that I am not a relative or employee of any attorney or counsel employed by the parties hereto or financially interested in this action.

\_\_\_\_\_  
SUZANNE BENOIST, RPR, CCR, CSR-IL

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