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Case No.: GR-2007-0003

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MISSOURI PUBLIC SERVICE COMMISSION UTILITY OPERATIONS DIVISION

DIRECT TESTIMONY

OF

ANNE ROSS

UNION ELECTRIC COMPANY d/b/a

AMERENUE

CASE NO. GR-2007-0003

Jefferson City, Missouri December 2006

BEFORE THE PUBLIC SERVICE COMMISSION

OF THE STATE OF MISSOURI

In the Matter of Union Elect d/b/a AmerenUE for Author Tariffs Increasing Rates for Service Provided to Custo Company's Missouri Service	ority to File Natural Gas omers in the)) Case No. GR-2007-0003)			
AFFIDAVIT OF ANNE ROSS					
STATE OF MISSOURI COUNTY OF COLE)) ss)				
Anne Ross, of lawful age, on her oath states: that she has participated in the preparation of the following Direct Testimony in question and answer form, consisting of pages of Direct Testimony to be presented in the above case, that the answers in the following Direct Testimony were given by her; that she has knowledge of the matters set forth in such answers; and that such matters are true to the best of her knowledge and belief.					
		anne Ross			
Anne Ross Subscribed and sworn to before me this 29 day of December, 2006.					
	NOTARY SEAL	DAWN L. HAKE Notary Public My Commission Expires March 16, 2009 Cole County Commission #05407643			
My commission expires	WHY WILL	AAIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII			

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1 **DIRECT TESTIMONY** 2 3 4 5 6 **OF ANNE ROSS** 7 8 UNION ELECTRIC COMPANY d/b/a 9 **AMERENUE** 10 11 CASE NO. GR-2007-0003 12 13 Q. Please state your name and business address. 14 Anne Ross, P.O. Box 360, Jefferson City, Missouri 65102. A. 15 Q. Are you the same Anne Ross who has previously filed Direct Testimony in 16 this case? 17 Yes. A. 18 **EXECUTIVE SUMMARY** 19 Q. Please summarize your testimony. 20 A. In the first section, I describe the development of customer numbers and one-21 hundred cubic feet (Ccf) volumes that I provided to Staff witness Thomas A. Solt for use in 22 the Staff class cost-of-service study (CCOS), and the development of monthly demand 23 estimates provided to Staff witness Daniel I. Beck for use in Staff's Capacity Utilization 24 mains allocator. 25 Next, I propose that the Commission approve a fixed Delivery Charge rate design for 26 Union Electric Company d/b/a AmerenUE's (AmerenUE or Company) Residential customer 27 class that is designed to collect the Residential class' non-gas cost of service. My testimony 28 describes the rationale supporting Staff's proposal, and development of the specific 29 Residential Delivery Charge in this case.

	Direct Testimony of Anne Ross
1	Finally, I discuss the Staff's non-Residential rate design proposal, and indicate Staff's
2	support for the Company proposal to merge the Rolla and non-Rolla areas' non-gas rates into
3	a single set of rates.
4	STAFF CLASS COST-OF-SERVICE INPUTS
5	Q. What inputs did you provide to Staff Witness Thomas A. Solt for use in the
6	Staff CCOS study?
7	A. I provided the Transportation and Interruptible class' Ccf volumes and
8	customer numbers.
9	Q. How did you calculate these volumes and customer numbers?
10	A. As discussed in my direct testimony dated December 15, 2006, I analyzed
11	individual customer usage records. I used this information to develop the test year usage and
12	customer numbers that I provided to Mr. Solt.
13	Q. What inputs did you provide to Staff witness Daniel I. Beck for use in his
14	Capacity Utilization distribution mains allocator?
15	A. I provided an estimate of monthly demands for the Transportation and
16	Interruptible customer classes by dividing each month's usage by an estimate of the number
17	of days of operation for these customers. In this case, I used 22 days for this estimate.
18	RATE DESIGN CLASS REVENUE REQUIREMENT
19	Q. What are the customer classes that Staff is using in its rate design?
20	A. I designed rates for the following customer classes:
21	Residential
22	General Service

Interruptible Service

Transportation Service

Q. What is the source of class revenue requirements used for Staff's rate design?

A. I used the class revenue requirements determined in the CCOS study performed by Mr. Solt.

STAFF RESIDENTIAL RATE DESIGN PROPOSAL

I. AMERENUE'S CURRENT RESIDENTIAL RATE DESIGN

- Q. What is AmerenUE's current Residential class rate design?
- A. To recover its non-gas costs of operation, AmerenUE currently has a "traditional" Residential rate design consisting of two components a fixed monthly customer charge, which does not vary with usage, and a volumetric rate that is collected on a per Ccf basis. The customer charge is designed to approximately recover the direct costs of the equipment required to allow a single, specific customer to take service e.g, their meter, regulator, and service line, as well as cover ongoing expenses related to meter-reading and customer service functions. The remainder of the Residential class' non-gas revenue requirement is collected using a per-unit rate (cents per Ccf of usage). Both the customer charge and commodity rate are calculated on an average-customer basis, and do not vary among Residential customers.
 - Q. What do you mean when you say "calculated on an average-customer basis?"
- A. After the customer charge is determined, the revenues generated by the customer charges are removed from the Residential class' revenue requirement, and the remaining costs are divided by the Residential class Ccf usage (i.e., Residential class' weather-normalized volumes.) This calculation ignores the usage level or pattern of specific customers, and instead results in a rate that, along with the customer charge, will collect the

	Direct Testimony of Anne Ross
1	cost of serving a household that uses exactly the average amount of natural gas used to set the
2	rate.
3	Q. Is AmerenUE's cost to provide service to a Residential customer who uses gas
4	for cooking, space- and water-heating greater than the cost incurred to serve a Residential
5	customer who uses natural gas only for cooking?
6	A. No.
7	Q. Does a household that uses less than average pay enough to cover the utility's
8	cost to serve it?
9	A. No. Because a significant portion of the non-gas costs is collected through the
10	volumetric rate and the household's usage is less than the average that was used to calculate
11	that rate, the household will pay less to AmerenUE than the cost required to serve it. In this
12	testimony, I refer to a household using less than the residential average as a low-use
13	household.
14	Q. Does a household that uses more than average pay more than the calculated
15	cost to serve it?
16	A. Yes. For the same reason that a low-use household does not pay all of the cost
17	to serve it, under the current rate design, a high-use household pays more than the cost
18	required to serve it In this testimony, I use the term high-use to refer to a household using

II. STAFF RESIDENTIAL RATE DESIGN PROPOSAL

more than the residential average usage.

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Q. What is Staff's proposal for the Residential class' non-gas rate design?

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III. VALUE OF CONSERVATION

22 gas?

Q.

A. For the Residential customers, Staff recommends recovering the entire amount of the non-gas, or margin, costs in a single fixed monthly charge, which is called a "Delivery Charge" in my testimony.

- Q. How did Staff calculate the Residential Delivery Charge?
- A. The recommended monthly Delivery Charge was determined by dividing the Residential class' revenue requirement by the annual number of bills. As I will discuss later in my testimony, I propose that the fixed monthly charge be set in the range of \$27.19-\$29.77.
- Q. Why is Staff recommending that AmerenUE collect all margin costs in a single monthly charge?
- A. Staff believes that this rate structure will address two significant issues affecting the natural gas distribution market. Specifically, it will:
 - More closely align AmerenUE's interests with those of its customers by removing the existing disincentive for AmerenUE to encourage and assist customers in making conservation and efficiency investments.
 - Reduce the effect of weather on utility revenues and customer bills. This will provide AmerenUE the opportunity to collect its cost to serve a Residential customer, and will insure that a Residential household will pay AmerenUE the price of providing its service no more and no less.

What have been some of the factors affecting the wholesale price of natural

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A. The deregulation of the wholesale natural gas market has resulted in a price for natural gas that is set by market forces, rather than a regulatory body. The supply of natural gas depends on the amount of production and availability of storage, and, as seen in 2005, is vulnerable to unpredictable events, such as hurricanes. Domestic production is now less than domestic consumption, and storage capacity is inadequate¹; as a result, not only are natural gas prices more volatile than in the past, they show little sign of returning to the low prices seen in the 1990's and before.

Nationwide, the Industrial sector's demand for natural gas has increased as a result of economic growth. In addition, electric utilities have come to rely more heavily on gas for their summer peaking generation. These two factors have not only led to an overall increase in demand for natural gas, but they have fundamentally changed the seasonal pattern of demand for natural gas. Unlike residential and other small customers, industrial and electric utility customers use a significant amount of gas in the summer months. In the past, the demand for natural gas was much lower in the summer than in the winter; as a result, prices would drop below prices seen in the winter months. Local Distribution Companies (LDC) were able to use the "cheaper" summer gas to replenish gas in storage for use in the winter. The utility's customers benefited when these lower prices were passed on to them in the winter months. That strategy is becoming increasingly difficult to carry out, and consumers are seeing the effect of this in the commodity cost of the gas they consume.

Q. What can consumers and regulators do to influence the wholesale price of natural gas?

¹ "Commission finalizes rules on market-based rates for interstate natural gas storage facilities," FERC Press Release dated June 15, 2006.

A. There is little that consumers can do to affect the wholesale price of natural gas. State regulators can encourage LDCs to make strong efforts to procure their gas supply at the best possible price by conducting prudency reviews of the LDCs' purchasing and hedging actions; outside of this, there are few actions that can be taken.

- Q. Is there anything else that consumers and regulators can do?
- A. Yes. While the supply of natural gas is outside the control of these entities, there *are* actions that can be taken to reduce demand namely weatherization and other energy efficiency investments.
 - Q. How do conservation measures affect natural gas prices?
- A. Conservation affects gas prices on both a micro and macro level. On the micro level, while conservation does not lower the per-unit price that one household is paying vis-à-vis another household, the household that has implemented conservation measures pays less in total to meet its requirements. On the macro level, a decrease in natural gas usage will exert downward pressure on the wholesale price of natural gas. In November, 2005, the National Association of Regulatory Utility Commissioners (NARUC) adopted a *Resolution on Energy Efficiency and Innovative Rate Design*, which noted that "Energy conservation and energy efficiency are, in the short term, the actions most likely to reduce upward pressure on natural gas prices and to assist in bringing energy prices down to the benefit of all natural gas consumers."
- Q. Do LDCs such as AmerenUE benefit when the wholesale price of gas is higher?

² "Resolution on Energy Efficiency and Innovative Rate Design," National Association of Regulatory Utility Commissioners, 2005 Summer meeting.

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A. No. The price of gas is directly passed through to the utilities' customers using the Purchased Gas Adjustment (PGA) mechanism, so the utilities' earnings do not increase in response to natural gas prices increases.

- Q. If the price of gas is directly passed through, why do utilities have a disincentive to encourage customers to lower their natural gas usage?
- While utilities do not earn a profit on the actual cost of the gas they procure A. for their customers, a rate design that includes recovering some of the costs of serving customers on a volumetric basis has the effect of directly tying LDC profits to the amount of gas that the LDCs deliver to their customers. However, the utility's cost to serve its customers is fixed and does not fluctuate with the amount of gas its customers use. Once the fixed costs are recovered, each additional unit of gas delivered increases the profit to the utility. The result is that the LDC is rewarded for delivering as much natural gas as possible. Thus, the gas utility is acting contrary to its shareholders' interests if it encourages its customers to use less gas.
 - Q. How does a fixed Delivery Charge rate design affect that disincentive?
- A. By breaking the link between sales and profits, the utility does not increase profit when its customers use more gas, nor does it lose revenue when customers use less. This is often called revenue *decoupling*.

IV. EFFECT OF WEATHER ON UTILITY REVENUES AND CUSTOMER BILLS

- Q. Under traditional rate design, how does weather affect customer bills and utility profits?
- A. The current rate structure means that in every year in which the weather is not statistically normal, there is a "winner" and a "loser." In winters that are warmer than

normal, i.e., contain less Heating Degree Days than the weather used to set rates, the customer "wins" by paying less than the utility's Commission-approved cost of serving them.

Under this weather scenario, the utility "loses" by under-collecting its cost of service.

In a winter that is colder than normal, the household "loses" because it pays an excessive amount for the service it is receiving from the utility. This can be a financial burden to many customers. In this instance, in a cold winter, the company likely over-collects its Commission-approved cost of service.

V. EFFECT OF DECREASED RESIDENTIAL CUSTOMER USAGE ON UTILITY INVESTMENT AND EXPENSE LEVELS

- Q. If its customers use less natural gas, either in response to a warm winter, or because of the customers' conservation efforts, won't the utility be able to lower its investment in plant and equipment?
- A. Not in the short-run. As plant and equipment is replaced, it is conceivable that the utility could downsize its investment for example, put in a distribution main with a smaller diameter. There are obstacles to this process, though.

First, a vast majority of the utility's investment in plant used to serve its customers consists of assets which are expected to be used and useful for many years. According to Staff witness Jolie L. Mathis, the Staff depreciation witness in this case, the Distribution assets have an average service life of 40-50 years³; therefore, replacement of a piece of plant or equipment might not be necessary for a number of years; in the meantime, the original equipment is in rate base and its cost included in customer rates. It should be pointed out that for many plant investments, a difference in the size installed would not produce a

³ Mathis, Direct, Schedule JLM - 2

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corresponding difference in costs, as a significant component of the cost is related to the installation.

Second, there is a lower limit on how small and how specifically this equipment can be sized. A household using natural gas only for cooking will require the same meter as one that is using natural gas as its primary heating fuel, because both are served with the smallest meter. As long as a Residential customer uses gas for any purpose, the Company must invest in customer-specific equipment such as meters, regulators and service lines, as well as in shared infrastructure, to serve that customer. While the direct link between the existence of a customer and the need for a meter is very straightforward, the utility must also make investments to other components of its system. The utility will still need mains, measuring and regulating equipment, rights of way, etc., to serve its customers.

- Q. In what way will the household's expected end-use be taken into account when making these investment decisions?
- A. The specific households' end-use at the point in time that the decision is made will have no bearing on the amount of utility's investment to serve that customer. A Residential customer may be using gas only for cooking today, but in the future this household could decide to replace its furnace with a natural gas furnace. It would be impractical (and costly) if the utility made its investment decisions based on a customer's specific end-use at the point in time when the decision is being made, so it is my understanding that utilities make a standard investment for any particular Residential customer that reflects the end-use decisions that the customer *might* make in the future.
- Q. Will the utility's non-gas expenses decrease if its customers' gas usage decreases?

A. No. While it is true that a utility's costs associated with customer billing, customer assistance, and meter-reading will decrease when the *number of customers* decrease, that is <u>not</u> true if customers' *usage* decreases. Regardless of the amount of gas used by individual Residential customers, the same number of bills must be mailed, meters read, and customers assisted. Many of the utility's other expense items, such as Operation and Maintenance expense, are tied to the plant investment, so these expenses will suffer from the same delayed reaction to usage reductions as the plant discussed above.

- Q. Let's look at two hypothetical customers both Residential customers with the same size dwelling, who are located side by side. Customer A is using natural gas only for cooking, while Customer B is using natural gas for cooking, space-heating and waterheating. Will the cost of delivering the natural gas to these two customers be the same?
 - A. Yes.
- Q. Under a traditional rate design, with non-gas revenues being collected through a customer charge and volumetric rate, will the revenues received from the two customers be the same?
- A. No. The revenue received from Customer A will be lower than the revenue received from Customer B.
- Q. Is it conceivable that the revenue received from Customer A will be less than the utility's cost to serve that customer, and the revenue received from Customer B greater than the utility's cost to serve that customer?
- A. It is not only conceivable, but certain, and is happening with AmerenUE's current rate structure to real, not hypothetical, Residential customers. As I pointed out earlier, rates are set based on an average customer's normalized usage, so a customer that

Stove (Cooking – 4 people) 7 24 Ccf

Note that these are estimated figures, and will be affected by usage, efficiency, age of equipment, weather, and other factors.

Q. How did you calculate the Delivery Charge range that you are recommending?

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⁴ Table CE2-10c. Space-Heating Energy Consumption in U.S. Households by Midwest Census Region, 2001 – West North Central region

⁵ Fuel Comparisons, South Jersey Gas, www.sjindustries.com

⁶ *Id*.

⁷ *Id*.

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Α. Based on the following, I am recommending a range of Delivery Charges, all of which I consider to be reasonable. All of these calculations include the Staff's recommended revenue requirement increase:

- Using the results of the study performed by Staff witness Tom Solt, I calculated the monthly Delivery Charge that would recover AmerenUE's Residential customers' CCOS. This Delivery Charge is \$29.77.
- Using the results of the Staff study, and the restriction that no class receives a decrease in revenue requirement as long as any class is receiving an increase, I calculated a Delivery Charge of \$27.96.
- Using each class' current revenues, and factoring each one up by the percentage increase to Company revenues proposed by Staff, I calculated a Delivery Charge of \$27.19.

I believe that any of these charges would be reasonable, and recommend that the Commission adopt a Delivery Charge that is within the range of \$27.19 - \$29.77.

For purposes of comparison, the Residential Delivery Charge that would collect the Staff's normalized current Residential class revenues is \$26.06

- Assuming a change from the current rate structure to the proposed rate Q. structure, with no increase in the revenue requirement, what will be the effect on low-usage Residential customers if the Staff's rate design proposal is adopted by the Commission?
- A. Low-use customers will pay more on an annual basis than they would under the current rate design, but it is Staff's position that elimination of the existing intra-class Residential cost-shifting is fair and reasonable. It is impossible to formulate a rate design

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change that will make all customers happy; therefore, I believe that the standard that the Staff and Commission should and do aim for in Missouri is to treat all Residential customers fairly.

- Q. How will implementation of this rate design proposal affect the bill patterns of Residential customers?
- A. Yes. Since most customers have only a small amount of usage outside the heating season, it is likely that a majority of customers will see higher bills in the non-winter season.
 - Will there be any off-setting effects for Residential customers? Q.
- A. Yes, any household using more than the average amount of gas – normally a customer who is using natural gas for space-heating - will see a decrease in its bills during the winter months when usage and bills are highest, and the net effect will be an overall decrease on an annual basis.
- Q. Do you have any suggestions for actions that can be taken to possibly minimize customer objections to this change in rate design?
- A. Intensive consumer education will need to be conducted to explain the role of the LDC and the nature of distribution costs. Currently I believe that most residential customers do not understand that they are paying the LDC for the *delivery service* it provides, rather than the gas that the customer is consuming, and the practice of collecting margin rates in a volumetric charge does nothing to reduce that confusion. Customers may, therefore, believe that it is unfair that part of their bill does not decrease when their usage decreases, whether it's due to conservation or warm weather. Staff notes that customers are used to this type of payment structure for other goods and services. Basic cable television, local phone service, and trash pickup have a similar type of charge, and many consumers accept this.

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In fact, one advantage of this form of rate is that it is easy to explain to customers, as it provides the correct price signal. Unlike most other revenue decoupling rate designs, the rate being charged to customers will not change on a monthly basis, nor will the consumer see his rate increase due to conservation steps he has taken.

- Q. Won't paying a fixed charge remove the customer incentive for conservation?
- No. The actual cost of the natural gas is a high percentage of a customer's bill A. that customers will still see a significant decrease in gas bills if household usage is lowered through conservation or efficiency measures.
- Q. Do you have any comments on actions that could be taken to assist customers' conservation efforts?
- Yes, I do. Along with education, the utility, Commission, Office of Public A. Counsel (OPC), and Department of Natural Resources (DNR) should actively promote and support customer conservation efforts – with access to funds, information, and advocacy.
- Q. What types of programs would help low-income households implement conservation measures?
- Low-income households, which often live in inefficient or substandard A. housing, would benefit from assistance in making energy conservation investments, such as window or furnace replacement.
 - Q. Is there an existing program of this type for low-income Missouri households?
- A. Yes. Households with income at 150% or less of the Federal Policy Guideline are eligible for the Low Income Weatherization Assistance Program, which is administered by the DNR using federal and state funding, and performed by weatherization personnel at each of Missouri's Community Action Agencies. In addition, most of the natural gas utilities

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in Missouri provide funds for this purpose. AmerenUE's gas division currently contributes \$155,000 annually to be used in this manner.

- Q. In terms of self-funded energy conservation investments, what do you see as major obstacles for both low and moderate income households making these investments?
- A. I believe that there are two major stumbling blocks for these groups lack of practical information regarding efficiency investments, and restricted access to the up-front funds needed to make these investments.
- Q. Why do you believe that consumers lack the practical information that would assist them in making efficiency investments?
- A. There is a great deal of information available on this topic, but sorting through it and applying it to a particular household's situation can be formidable. I can provide a personal example. For several years, I was aware of the existence of programmable thermostats and had heard about their effect on gas usage, but I assumed that the technology employed would make these thermometers relatively expensive. It was only after I participated in some collaborative meetings related to the AmerenUE natural gas equipment rebate program that I realized that one could buy a decent programmable thermostat for around \$30. Given today's natural gas prices, a simple investment like that would pay for itself after saving a household approximately 25-35 Ccfs. Later in this testimony, I will propose a Residential audit program that will assist Residential customers in collecting this type of information.
- Q. Are there other barriers to low- and moderate-income consumers making investments that would lead to lower usage?

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A. The cost of energy audits performed to help determine the investment(s) that will provide the greatest return per dollar invested may be prohibitive. These up-front costs depend on the type of audit performed, which can range from a questionnaire or quick walk-through to a thorough analysis using a blower-door test and computer analysis. I am a member of Missouri's Weatherization Advisory Policy Committee, and have learned that these inspections can cost from \$50 - \$200 dollars per household, depending on the type of audit performed. A household with little disposable income will find it difficult, if not impossible, to pay this amount, and the savings from lowered bills will be realized only after the audit is performed and its recommendations adopted. In addition finding a reputable company to perform the audits can be difficult.

Another problem is that the investment itself, as well as any additional expenses incurred to install it, must be paid for. This money will often need to be borrowed. Low and moderate income households might have limited access to borrowing due to their level of household income.

The end result? These households find themselves stuck between a rock and a hard place. They are unable to take an action that will result in a higher level of disposable income because they have little disposable income.

- Q. Are you proposing a program that will help low- and moderate-income consumers with the energy audits?
- A. Yes. I propose that AmerenUE institute a program that provides an incomebased credit to assist households with the cost of comprehensive household energy audits.
 - Q. How will this be funded?

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A. I propose that the unused funds collected for the Scott/Stoddard county program be used for this purpose. The program was experimental and provided that unused program funds could be used for low-income weatherization.

- Q. Do you have an alternate proposal for the use of the remaining funds?
- Yes. I estimate that there is around \$200,000 remaining. I propose that the A. program be officially terminated, and that these funds be used for income-based credits for Residential customer on-site energy audits.
 - Do you suggest that landlords be allowed to participate in this program? Q.
- A. Yes, I do. I believe that allowing landlords to participate in an energy audit program could be beneficial to tenants.
- Do you have any final comments regarding the Staff's proposed Residential Q. Delivery Charge rate design?
- Yes. It is a fair and reasonable approach that removes barriers to LDCs A. promoting conservation. Once the utility's concern regarding revenue loss due to lowered sales has been addressed, the utility should be a creative, active and knowledgeable leader in this effort. AmerenUE is in a unique position to identify customers who could benefit from conservation efforts, for example, households with higher than normal usage that are having trouble paying their utility bills, as the Company has access to its customers' billing and usage records. By assisting and educating these customers, the utility will likely benefit its entire customer base.
- Are you proposing a specific amount for AmerenUE to use for energy Q. efficiency programs, as well as a cost-recovery mechanism for these costs?

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A. As stated in Staff witness Lena M. Mantle's direct testimony in this case, Staff supports allowing AmerenUE to place costs related to analysis and implementation of these programs in a regulatory asset account, which would be examined in the next rate case. Ms. Mantle also recommends that these costs be authorized by the Commission to be amortized over a 10-year period.

NON-RESIDENTIAL CLASSES RATE DESIGN RECOMMENDATIONS

- Q. What are your recommendations for the non-Residential customer classes?
- A. The calculations leading to the range of Residential Delivery Charges that I proposed earlier in my testimony contained assumptions regarding the increase or decrease that would go to the other classes.

For example, if the Commission determines that it is appropriate to set rates that collect each class' share of costs as determined in the Staff CCOS, then the revenues for the General Service, Transportation, and Interruptible classes would be decreased to the level of the zero-revenue increase shown in the Staff CCOS before any revenue requirement increase or decrease would be applied to the classes' on an equal percentage.

If the Commission believes that it would be inappropriate to lower any classes' revenues while increasing any other classes' revenues, then the revenues for the General Service, Interruptible and Transportation customers would be held constant and any revenue increase would be applied to the Residential class only, up to the level of the Staff's zero-revenue increase CCOS results for this class. Any remaining revenue requirement increase would be collected on an equal percentage basis from all of the Company's rate classes.

Finally, if the Commission determines that an equal percentage increase to class revenues is the appropriate way in which to collect any revenue requirement increase, the

Direct Testimony of Anne Ross classes' revenue requirements would be factored up using the percentage of the overall 1 2 revenue increase. 3 In all three cases, I propose that any change in General Service, Interruptible or 4 Transportation class revenues be applied on an equal percentage increase or decrease to all 5 non-gas rate components. Do you support the Company's proposal to merge the base rates of the Rolla 6 Q. 7 system with those of the remainder of the AmerenUE system? 8 A. Yes.

Does this conclude your direct testimony on rate design?

A. Yes.

Q.

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