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MISSOURI PUBLIC SERVICE COMMISSION

CASE NO. ER-2011-0028

DIRECT TESTIMONY

OF

WILLIAM R. DAVIS

ON

BEHALF OF

UNION ELECTRIC COMPANY d/b/a AmerenUE

St. Louis, Missouri September, 2010

Exhibit No_ File No. FR-201

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1	DIRECT TESTIMONY
2	OF
3	WILLIAM R. DAVIS
4	CASE NO. ER-2011-0028
5	I. <u>INTRODUCTION</u>
6	Q. Please state your name and business address.
7	A. My name is William R. Davis. My business address is One Ameren Plaza,
8	1901 Chouteau Avenue, St. Louis, Missouri 63103.
9	Q. By whom and in what capacity are you employed?
10	A. I am a Senior Load Research Specialist in the Resource Planning group
11	within the Corporate Planning department for Ameren Services Company ("Ameren
12	Services").
13	Q. What is Ameren Services?
14	A. Ameren Services provides various corporate, administrative and technical
15	support services for Ameren Corporation ("Ameren") and its affiliates, including Union
16	Electric Company d/b/a AmerenUE ("Company" or "AmerenUE"). Part of that work
17	involves analytical support for regulatory activities, including rate case support.
18	Q. Please describe your educational background and employment
19	experience.
20	A. I received a Bachelor of Science in Economics from Illinois State
21	University in 2002. I subsequently received a Master of Science in Economics with an
22	emphasis in regulatory economics from Illinois State University in 2003. I had several
23	internships during my college career, including an internship with Illinois Power
24	Company. Upon completion of my master's degree I began working full-time for
25	Caterpillar, Inc., at their corporate headquarters in Peoria, Illinois, as an Advanced

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Quantitative Analyst in the Business Intelligence Group, with the primary duties of
 performing economic and sales analyses.

In May 2005, I joined Ameren Services as a Load Research and Forecasting Specialist in Corporate Planning. My duties included electricity and natural gas forecasting, load research, weather normalization, and various other sales analyses. In September 2007, I became a Senior Load Research Specialist and then moved to the Resource Planning Group in March 2009. Since then I have been the project manager for AmerenUE's 2011 integrated resource plan ("IRP").

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Q. What are your responsibilities in your current position?

10 A. My responsibilities include general project management, resource 11 planning analysis design and implementation, supporting cross-functional teamwork for 12 the IRP, and managing the IRP stakeholder process. The IRP stakeholder process is the 13 avenue through which AmerenUE shares its progress during resource planning with 14 participating parties like the Missouri Public Service Commission ("Commission") Staff ("Staff"), the Missouri Department of Natural Resources, the Missouri Industrial Energy 15 Consumers, the Missouri Energy Group, and the Office of the Public Counsel. I am also 16 17 responsible for the development of a Demand-side Management ("DSM") financial 18 analysis.

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1		II. <u>PURPOSE AND SUMMARY OF TESTIMONY</u>
2	Q.	What is the purpose of your direct testimony in this proceeding?
3	A.	The purpose of my testimony is to propose a demand-side management
4	cost recovery	mechanism and an energy efficiency fixed cost recovery mechanism that,
5	together, mov	ve toward implementation of the state policy of aligning AmerenUE's
6	financial incer	ntives to help customers use energy more efficiently.
7	Q.	Please summarize your testimony.
8	А.	I recommend that the Commission:
9		• Continue rate base treatment of DSM related expenditures but reduce
10		the amortization period from six to three years; and
11		• Approve a fixed cost recovery mechanism that neutralizes the impact
12		of the throughput incentive on the implementation of energy efficiency
13		programs and services. The proposed mechanism will allow
14		customers to keep all savings associated with variable costs that are
15		reduced as a result of energy efficiency programs while also realizing
16		the significant system benefits that result from energy efficiency
17		programs.
18		III. <u>COST RECOVERY</u>
19	Q.	What is AmerenUE's existing mechanism for DSM program cost
20	recovery?	
21	Α.	Between rate cases, costs for administration, research, design,
22	development,	implementation and evaluation of DSM programs are booked to a
23	regulatory ass	set as they are incurred along with interest at the Company's allowance for
24	funds used du	ring construction ("AFUDC") rate. In the Company's rate case, the amount
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in the regulatory asset will be included in rate base and amortized over six years. This mechanism was agreed to in a Commission-approved settlement in the Company's 2009 rate case (Case No. ER-2010-0036) and represented an improvement to prior regulatory treatment for demand-side investments, which had previously been amortized over 10 years with rate base treatment. However, as AmerenUE's rate of investment in demandside programs has increased, the existing mechanism is simply not sufficient to provide timely recovery of AmerenUE's expenditures in this area.

8 Q. Why is the current six-year amortization of the regulatory asset not 9 sufficient?

10 Α. First, there is no objective basis for the six-year amortization period; it 11 was simply negotiated in the last rate case. There were no studies or references to best 12 practices to support the six-year amortization period. Second, the utility does not acquire 13 physical assets when it invests in energy efficiency programs; to the contrary, the utility 14 engages in a variety of marketing strategies and incurs expenses with the goal of altering 15 our customers' energy related purchases and consumption behavior. These repeated 16 annual expenditures are in contrast to a one-time investment in a central station supply-17 side resource. In the case of a supply-side resource, once the investment enters rate base, 18 it diminishes with annual depreciation, and only capital additions can offset this 19 depreciation. Thus, the revenue requirement effect of the plant would start at its highest 20 point in the first year and decline thereafter. In contrast, if DSM program expenses are 21 capitalized, the regulatory asset continues to grow over time creating a "bubble" of costs 22 being pushed through time. The longer the amortization period, the larger this bubble 23 will grow, as annual DSM expenditures continue to exceed the amount recovered through 24 the amortization. This inconsistency in the treatment of a demand-side versus a supply-

side resource costs supports either a much shorter amortization period or the treatment of
 DSM costs as an expense.

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3 Q. Does AmerenUE perceive risk in recovering its costs booked to the 4 DSM regulatory asset?

5 A. Yes. The size of the regulatory asset bubble, as described earlier, is a 6 concern. Higher spending levels to achieve higher levels of savings and/or a longer 7 amortization period will create a bigger bubble.

8 Q. What cost recovery mechanism is AmerenUE proposing for the 9 recovery of DSM expenditures?

10 AmerenUE is proposing that the balance of the DSM regulatory asset as of Α. 11 the end of the true-up period for this case, which includes all related program costs and 12 interest accrued at the Company's AFUDC rate, be included in rate base and amortized 13 over three years. Schedule GSW-E9 to the direct testimony of Company witness Gary S. 14 Weiss shows that the balance, as described above, is approximately \$46.4 million. As 15 indicated in the direct testimony of AmerenUE witness Warner L. Baxter, this request for 16 a change in the period over which accumulated DSM costs are amortized is an important 17 interim step toward a comprehensive DSM cost recovery mechanism that fully aligns 18 utility financial incentives with the goal of educating and supporting customers as they 19 seek to use energy more efficiently.

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IV. <u>THE THROUGHPUT INCENTIVE</u>

Q. Please describe the throughput incentive you mentioned earlier.

3 Traditional ratemaking allows utilities to recover both their fixed and Α. variable costs and earn a fair return on their investments. Variable costs are those that 4 5 vary with the production of energy, like the cost of fuel and purchased power, while fixed 6 costs are associated with activities that do not vary with energy production, like the cost 7 of constructing a plant. The fuel adjustment clause governs a majority of the Company's 8 variable costs, while the fixed costs are largely collected using a variable rate, expressed 9 as e/kWh or a combination of e/kWh and k/kW, applied to a weather normalized and 10 "static" test year sales. The rates developed based on this snapshot of the relationship 11 between the revenue requirement and sales will remain unchanged until the utility's next 12 rate case.

13 Outside of a rate case, in a future period, the utility's actual revenue will be 14 determined by the variable rate (developed based on the snapshot of test year sales), multiplied by the actual amount of electricity sales. Under traditional ratemaking, if 15 16 electricity sales increase beyond those used to develop the utility's rates, the utility keeps the additional revenue. This creates an incentive for the utility to maximize the 17 "throughput," or sales. Typically the additional revenues are not simply a bonus to the 18 19 utility but rather an offset to the rising costs of service, like wages and general material 20 costs, between rate cases. Thus, a traditional ratemaking system does not align the 21 utility's financial incentives with helping customers use energy more efficiently, because 22 cost recovery and fair returns on investment are achieved by selling volumes of electricity. 23

1	The implementation of energy efficiency programs causes a decrease in electricity
2	sales, which causes the utility to lose revenue. But even more importantly, it prevents the
3	utility from recovering a portion of its fixed costs that were being covered by the lost
4	revenues. Any increase in regulatory lag and/or time between rate cases amplifies the
5	disincentive for a utility to support a reduction in sales volume.

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Q. What are some ways to mitigate the throughput incentive?

A. There are several ways the throughput incentive can be mitigated. One noteworthy way is to institute a decoupling mechanism. Decoupling gets its name because revenues are decoupled from sales volumes. There are various ways decoupling can be implemented, but since AmerenUE is not proposing decoupling in this case I will not review those options.

12 Short of decoupling, another method to mitigate the throughput incentive is to 13 explicitly anticipate the effects of energy efficiency and reimburse the utility directly. In 14 this case, an amount would be included in rates to offset an estimated future reduction in 15 sales. This fits well with utility-run energy efficiency programs because the utility also 16 has monies in the revenue requirement earmarked for the specific purpose of reducing 17 sales in a future period. The imminent reduction in sales can be estimated at the time 18 rates are being set. However, this option is focused solely on mitigating the effect of 19 energy efficiency programs administered by the utility.

20

Q. How is energy efficiency different than other causes of sales volatility?

A. One unique aspect is that energy efficiency is only associated with downward pressure on electricity sales. Other causes of sales variation, like weather and the economy, can cause both increases and decreases to sales volumes. Another unique aspect of energy efficiency is that although it can happen naturally, there are ways to

induce it. In this case we are discussing the impacts of utility-run programs, but other sources that can induce energy efficiency are programs run by the federal government and state-run programs like those currently being administered by the Missouri Department of Natural Resources. This is in contrast to other sources of variation, like the weather and the economy, which are clearly outside the control of the utility and any other single party.

Q. Please describe the Fixed Cost Recovery Mechanism being proposed by AmerenUE in this case.

9 Α. The Fixed Cost Recovery Mechanism ("FCRM") seeks to recover fixed 10 costs that the utility would normally expect to recover through the sale of energy absent 11 the implementation of energy efficiency programs. A base amount of fixed cost recovery 12 would be built into rates based on expected energy efficiency impacts. The FCRM would 13 also include a tracker that tracks the difference between the base amount and the actual 14 impacts of energy efficiency. In this case, AmerenUE proposes that rates be set with zero 15 prospective fixed cost recovery related to energy efficiency impacts. Ideally, we would 16 request a starting amount that is representative of the expected energy efficiency impacts, 17 then true-up that estimate in subsequent rate cases. However, because this would be the 18 first implementation in Missouri of such a mechanism, we are proposing to start with no 19 initial impact to rates. Periodically between rate cases the actual impacts of energy 20 efficiency on the recovery of fixed costs will be compared to the base amount (in this 21 case, zero), with the difference accumulated in a regulatory asset balance to be amortized 22 over 12 months beginning with the effective date of new rates as set in the Company's 23 next general rate case. The regulatory asset would include the carrying cost, or credit, 24 associated with the regulatory asset balance at the Company's AFUDC rate.

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How do you propose the FCRM amounts should be calculated?

2 Α. The calculation should start with the overall revenue requirement by class. 3 Then the revenues from the customer charge and from net fuel costs should be subtracted 4 from the overall class revenue requirement. Those portions are removed because the 5 customer charge revenues are not affected by energy efficiency impacts and the customer 6 retains all benefits from the reduction in net fuel cost due to energy efficiency impacts. 7 The remaining revenue requirement represents fixed costs that are collected through 8 volumetric and/or demand rates. That can be expressed as a ¢/kWh rate and should be 9 multiplied by the energy efficiency impacts. Since the energy efficiency programs are 10 administered by separate residential and business tariffs, the impact will be allocated to 11 each rate class on the basis of actual savings. Included only as an example of the 12 calculations described above is Schedule WRD-E1, which illustrates the proposed 13 calculations, and Schedule WRD-E2, which illustrates how the FCRM works over time.

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Q. How do you propose the FCRM be collected from customers?

15 Α. In this case the base amount requested is zero, but in AmerenUE's next 16 rate case there will be a need to recover the amount that will have been accumulated in 17 the tracker plus set a new base amount to be included in rates. As mentioned previously, 18 AmerenUE proposes that the FCRM tracker balance be amortized and collected over a 12 19 month period. For both the Residential 1(M) and Small General Service 2(M) customer 20 classes, a monthly fixed charge should be utilized because customers within each of these 21 respective classes have fairly homogenous usage patterns. However, due to the widely 22 varying usage patterns of customers within the remaining business classes, a variable 23 charge (ϕ/kWh) would be more appropriate for these classes. Although the base amount 24 will continuously be collected between rate cases, the tracker related charges will be reset

to zero after the 12 month collection period. Schedule WRD-E3 provides an example of 1 2 the proposal described above.

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Shouldn't the FCRM be based on the performance of energy Q. efficiency programs? 4

5 A. No, it should not. AmerenUE should simply be made whole for the 6 reductions in fixed cost recovery created by the existence of its energy efficiency 7 programs, regardless of the performance of any particular program. The FCRM should 8 be implemented to level the playing field between supply-side and demand-side 9 resources. Any performance-related incentives that might be proposed in the future 10 should serve to further encourage utilities to be more aggressive in the pursuit of energy 11 efficiency. AmerenUE is not proposing any such incentives at this time.

12

Q. Does AmerenUE's proposal eliminate the throughput incentive?

13 Α. No, however AmerenUE believes the proposal is sufficient to support the 14 continuation of current levels of energy efficiency expenditures. It is important to 15 recognize that utility sponsored programs are only one source of fixed cost recovery 16 erosion. To fully align utility incentives such that the utility can partner with third party 17 energy efficiency or conservation efforts, more steps need to be taken to adequately 18 address the throughput incentive. In this regard, AmerenUE supports the continued 19 exploration of long-term solutions by the Commission, Staff, utilities, and other parties.

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V. CONCLUSION

21 Q. Should the Commission wait for the Missouri Energy Efficiency 22 Investment Act ("MEEIA") rules to be finalized to approve AmerenUE's proposals? 23 Α. No, in fact this is a good time for the Commission to approve 24 AmerenUE's proposal. First, AmerenUE's proposal represents an appropriate

1 transitional approach to aligning utility financial incentives to help customers use energy 2 more efficiently. Second, although development of the Commission's rules governing 3 energy efficiency is ongoing, this case will likely take 11 months to finish, therefore, any 4 implications of the rules could be accommodated during the case. 5 Q. How do AmerenUE's proposals for cost recovery and the FCRM 6 compare to cost recovery mechanisms used by other utilities across the country? 7 Α. Attached to this testimony as Schedule WRD-E4 is a report from the 8 Institute for Electric Efficiency that gives a recent overview of DSM regulatory 9 frameworks across the United States. Also attached is Schedule WRD-E5, which is a 10 report from the National Action Plan for Energy Efficiency ("NAPEE") that explains 11 various options to align utility incentives with the implementation of energy efficiency. 12 The NAPEE report directly states capitalization and amortization is not a common 13 approach to DSM cost recovery. The reports indicate the proposed FCRM is not unique; 14 in fact, both reports describe examples that are very similar to AmerenUE's proposal.

Q. Is AmerenUE's proposal consistent with the Energy Independence and Security Act of 2007¹, the American Recovery and Reinvestment Act of 2009², and Governor Nixon's letter of March 23, 2009 to the United States Secretary of Energy, Mr. Steven Chu?

A. Yes. In general all of these documents advocate for the enhanced
proliferation of energy efficiency. These documents also recognize the need to take
additional actions before that proliferation of energy efficiency is possible. If
AmerenUE's proposal in this case is adopted, it will result in more energy efficiency than

¹ Pub. L. 110-140.

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² Pub. L. 111-5.

would be implemented under the current regulatory framework, which is entirely
 consistent with the goals of the state and country.

Because of their size and scope, I am not attaching the Energy Independence and
Security Act of 2007 or the American Recovery and Reinvestment Act of 2009 (although
I will provide these documents as workpapers) but am attaching, as Schedule WRD-E6,
Governor Nixon's letter of March 23, 2009 to the United States Secretary of Energy, Mr.
Steven Chu.

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Q. Please summarize your testimony and conclusions.

9 A. As mentioned in the direct testimony of Mr. Baxter, for AmerenUE to 10 continue spending at current levels on energy efficiency, the Company's financial 11 incentives need to be more closely aligned with helping customers use energy more 12 efficiently. Specifically I recommend that the Commission:

- Continue rate base treatment of DSM related expenditures but reduce the
 amortization period from six to three years; and
- Approve a fixed cost recovery mechanism that neutralizes the impact of
 the throughput incentive on the implementation of energy efficiency
 programs and services. The proposed mechanism will allow customers to
 keep all savings associated with variable costs that are reduced as a result
 of energy efficiency programs while also realizing the significant system
 benefits that result from energy efficiency programs.
 - Q. Does this conclude your direct testimony?
- A. Yes, it does.

BEFORE THE PUBLIC SERVICE COMMISSION OF THE STATE OF MISSOURI

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In the Matter of Union Electric Company d/b/a AmerenUE for Authority to File Tariffs Increasing Rates for Electric Service Provided to Customers in the Company's Missouri Service Area.

Case No. ER-2011-0028

AFFIDAVIT OF WILLIAM R. DAVIS

STATE OF MISSOURI)) ss CITY OF ST. LOUIS)

William R. Davis, being first duly sworn on his oath, states:

1. My name is William R. Davis. I work in the City of St. Louis, Missouri,

and I am employed by Ameren Services Company as Senior Load Research Specialist.

- 2. Attached hereto and made a part hereof for all purposes is my Direct
- Testimony on behalf of Union Electric Company d/b/a AmerenUE consisting of $\frac{12}{12}$

pages, Schedules WRD-E1 through WRD-E6, all of which have been prepared in written

form for introduction into evidence in the above-referenced docket.

3. I hereby swear and affirm that my answers contained in the attached

testimony to the questions therein propounded are true and correct.

William R. Davids

Subscribed and sworn to before me this 3 day of September, 2010.

Imanda Tesdall Notary Public

My commission expires:

Amanda Tesdall - Notary Public Notary Seal, State of Missouri - St. Louis County Commission #07158967 My Commission Expires 7/29/2011

AmerenUE	
Fixed Cost Recovery Mechanism (FCRM)	Tracker

												Cumulative E	ffect	s of EE
					Customer Charge	Fue	el and Purchase		Fixed Cost	F	ixed Cost Recovery			
	Total KWh	Total Bills	Rev	enue Requirement	Revenue	Pe	ower Revenue		Revenue		Rate (\$/KWh)	2010		2011
Residential	13,685,142,879	12,455,487	\$	1,081,602,058	\$ 99,647,812	\$	164,084,863	\$	817,869,382	\$	0.060	\$ 4,397,545	\$	10,715,735
SGS	3,590,585,745	1,597,860	\$	280,065,240	\$ 18,777,714	\$	43,051,123	\$	218,236,403	\$	0.061			
LGS	8,187,231,203	119,652	\$	515,405,156	\$ 9,505,444	\$	98,164,902	\$	407,734,810	\$	0.050			
SPS	3,567,421,881	7,638	\$	197,360,396	\$ 1,978,373	\$	42,773,388	\$	152,608,635	\$	0.043			
LP\$	3,922,167,697	876	\$	185,825,421	\$ 227,289	\$	47,026,791	\$	138,571,342	\$	0.035			
								We	ighted Average:	\$	0.048	\$ 3,950,618	\$	9,584,663
Other														
LTS	4,119,017,867	12	\$	139,359,659	\$ 3,105	\$	46,338,951	\$	93,017,602	\$	0.023			
Lighting & MSD	230,287,215		\$	31,295,159										
Total	37,301,854,488		\$	2,430,913,089	<u> </u>	\$	441,440,018					\$ 8,348,163	\$	20,300,399

	Voltage Level Adjustments for FPA Rate										
FPA Rate	Voltage Level	Adjustment Factor	Adjusted FPA Rate								
1.111	Secondary	1.0789	1.199								
	Primary	1.0459	1.162								
	Large Transmission	1.0124	1.125								

Incr. EE Targets	2010	2011
RES	75,230,000	108,087,000
BUS	85,000,000	121,220,000

Current Business EE Savings									
Rate Class	MWh	Percent of Total							
SGS	4,703	8.9%							
LGS	29,407	55.8%							
SPS	14,804	28.1%							
LPS	3,770	7.2%							

ATC Price for OSS \$ 0.03615 .

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Customer Impact in FAC

		Energy Efficien	су	Impacts to Fuel an	ıd P	urchase Power	
	Tot	al Reduction in					
2010		FAC		Fuel Impact		OSS Impact	Customer Savings
RES	\$	(902,008)	\$	(856,907)	\$	2,727,428	\$ 2,772,528
SGS	\$	(90,978)	\$	(86,429)	\$	275,092	\$ 279,641
LGS	\$	(568,866)	\$	(540,423)	\$	1,720,098	\$ 1,748,541
SPS	\$	(277,540)	\$	(263,663)	\$	839,441	\$ 853,318
LPS	\$	(70,679)	\$	(67,145)	\$	213,773	\$ 217,307
BUS	\$	(1,008,062)	\$	(957,659)	\$	3,048,404	\$ 3,098,807
Total	\$	(1,910,070)	\$	(1,814,566)	\$	5,775,832	\$ 5,871,335
	Tota	al Reduction in					
2011		FAC		Fuel Impact		OSS Impact	Customer Savings
RES	\$	(1,295,963)	\$	(1,231,165)	\$	3,918,643	\$ 2,687,478
SGS	\$	(129,745)	\$	(123,257)	\$	392,313	\$ 269,056
LGS	\$	(811,270)	\$	(770,707)	\$	2,453,062	\$ 1,682,355
SPS	\$	(395,805)	\$	(376,014)	\$	1,197,142	\$ 821,128
LPS	\$	(100,796)	\$	(95,756)	\$	304,865	\$ 209,109
BUS	\$	(1,437,615)	\$	(1,365,734)	\$	4,347,382	\$ 2,981,648
Total	\$	(2,733,578)	\$	(2,596,899)	\$	8,266,025	\$ 5,669,126

Company Impac	t in FAC							
	E	nergy Efficiency l	lmp	acts to Fuel and H	'ur	chase Power		
	Tot	al Reduction in						
2010		FAC		Fuel Impact		OSS Impact	Net	FAC Impact
RES	\$	(902,008)	\$	(45,100)	\$	143,549	\$	98,448
SGS	\$	(90,978)	\$	(4,549)	\$	14,479	\$	9,930
LGS	\$	(568,866)	\$	(28,443)	\$	90,531	\$	62,088
SPS	\$	(277,540)	\$	(13,877)	\$	44,181	\$	30,304
LPS	\$	(70,679)	\$	(3,534)	\$	11,251	\$	7,717
BUS	\$	(1,008,062)	\$	(50,403)	\$	160,442	\$	110,039
Total	\$	(1,910,070)	\$	(95,503)	\$	303,991	\$	208,488
	Tota	al Reduction in						
2011		FAC		Fuel Impact		OSS Impact	Net	FAC Impact
RES	\$	(1,295,963)	\$	(64,798)	\$	206,244	\$	141,446
SGS	\$	(129,745)	\$	(6,487)	\$	20,648	\$	14,161
LGS	\$	(811,270)	\$	(40,564)	\$	129,109	\$	88,545
SPS	\$	(395,805)	\$	(19,790)	\$	63,007	\$	43,217
LPS	\$	(100,796)	\$	(5,040)	\$	16,046	\$	11,006
BUS	\$	(1,437,615)	\$	(71,881)	\$	228,810	\$	156,929

(136,679) \$

435,054 \$

298,375

Total

\$

(2,733,578) \$

AmerenUE Fixed Cost Recovery Mechanism (FCRM) Tracker (Dollars in Millions)

	Rate Case Filed		R	ate Case Filed			
	2010	2011	2012	2013	2014	2015	2016
1 Annual EE Sales Impact (GWh) (Target from EE Implementation Plan)		100	150	200	250	300	350
2 EE Sales Impact reflected in Base Rates		10	10	10	150	150	150
3 Incremental Sales Reduction (GWh) (line 1 - line 2) (EE Sales Impacts not reflected in Base Rates)		90	140	190	100	- 150	200
4 2-year Forecast Average of EE Impacts (Gwn)	115 <			125			
5 Forecast Average Non-tuel Retail Rate (\$/MVVh)	40			50			
6 FCRM Amount (line 4 * line 5, Million Dollars)	0			6			
7 Fixed Costs Recovered		0	0	0	6	6	6
8 Annual Estimated Revenue Erosion		4	6	8	5	8	10
9 Amount Over/(Under)-Collected (line 7 - line 8)		(4)	(6)	(8)	1	(2)	(4)
10 Over/(Under)-Recovery Regulatory Asset Balance		(4)	(9)	(17)	(7)	(8)	(12)
11 Over/(Under)-Recovery Amount to be Amortized				(9)			
12 Amortization of Over/(Under)-Recover Amount				• • •	9		
(12-month amortization beginning when new rates are effective)					-		
13 Total Collections Related to FCRM Tracker (line 7 + line 12)		0	0	0	15	6	6

Note: Example ignores the accrual of carrying costs during accumulation and return during amortization for simplicity.

Proposed Collection Method - 12 Month Period				
Dollars (\$)/Bill				Total Collected
Residential	\$	0.86	\$	10,715,735
SGS	\$	0.54	\$	855,605
Cents/KWh				
LGS	0.0	06534¢	\$	5,349,939
SPS	0.0	0 7 550¢	\$	2,693,253
LPS	0.0	01 749¢	\$	685,866
Other	\$	-	\$	-
LTS	\$	-	\$	-
Lighting & MSD	\$		\$	-
			\$	20,300,399

AmerenUE - Fixed Cost Recovery Mechanism Tracker Proposed Recovery Method Example