

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

In the Matter of the Verified Petition of	)	
Union Electric Company d/b/a AmerenUE	)	Case No. GT-2010-
to Change Its Infrastructure System	)	
Replacement Surcharge.	)	

**VERIFIED PETITION OF UNION ELECTRIC COMPANY  
d/b/a AMERENUE TO CHANGE ITS  
INFRASTRUCTURE SYSTEM REPLACEMENT SURCHARGE**

**COMES NOW** Union Electric Company d/b/a AmerenUE (“AmerenUE” or “Company”), pursuant to Sections 393.1009, 393.1012 and 393.1015 of the Revised Statutes of Missouri (Cum. Supp. 2008), and 4 CSR 240-2.060, 2.080 and 3.265 of the Rules of the Missouri Public Service Commission (“Commission”), and for its Verified Petition to Change Its Infrastructure System Replacement Surcharge, respectfully states as follows:

**I. BACKGROUND**

1. Sections 393.1009, 393.1012 and 393.1015 of the Revised Statutes of Missouri authorize eligible gas corporations to recover certain infrastructure replacement costs by establishing an infrastructure system replacement surcharge (“ISRS”). AmerenUE’s ISRS was established effective March 29, 2008 by Commission Order in Case No. GT-2008-0184, covering the costs incurred in connection with ISRS-eligible infrastructure system replacements placed in service from October 1, 2006 through October 31, 2007.

2. Since AmerenUE’s ISRS was established, the Company has continued to incur ISRS-eligible costs. For the period from June 1, 2009 to December 31, 2009,

those costs result in additional annualized ISRS revenues that exceed the threshold necessary to make an ISRS filing. Accordingly, AmerenUE submits this Petition to change its ISRS to reflect those additional costs.

## **II. THE PETITIONER**

3. AmerenUE is a public utility and gas corporation incorporated under the laws of the State of Missouri, with its principal office located at 1901 Chouteau Avenue, St. Louis, Missouri 63103. A Certificate of Good Standing evidencing AmerenUE's standing to do business in Missouri was submitted to the Commission in Case No. EF-2009-0266, and AmerenUE's Fictitious Name Registration as filed with the Missouri Secretary of State's Office was submitted in Case No. GO-98-486. The information contained in these documents is current and correct, and these documents are incorporated by reference herein for all purposes.

4. AmerenUE is engaged in the business of distributing and transporting natural gas to customers in central and eastern Missouri, as a gas corporation subject to the jurisdiction of the Commission.

5. Communications in regard to this Application should be addressed to:

Steven R. Sullivan  
Sr. Vice President, General Counsel and Secretary  
Ameren Services Company  
1901 Chouteau Avenue, MC 1300  
St. Louis, MO 63103  
(314) 554-2098  
(314) 554-4014 (fax)  
AmerenUEService@ameren.com

Thomas M. Byrne  
Managing Assoc. General Counsel  
Ameren Services Company  
1901 Chouteau Avenue, MC 1310  
St. Louis, MO 63103

(314) 554-2514  
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AmerenUEService@ameren.com

6. Other than cases that have been docketed at the Commission, AmerenUE has no pending actions or final unsatisfied judgments or decisions against it from any state or federal agency or court which involve customer service or rates.

7. AmerenUE is current on its annual report and assessment fee obligations to the Commission, and no such report or assessment fee is overdue.

### **III. THE ISRS REQUEST**

8. With this Petition, AmerenUE requests an adjustment to its ISRS rate schedule to reflect costs incurred in connection with ISRS-eligible infrastructure system replacements made during the period from June 1, 2009 to December 31, 2009. In accordance with the provisions of Sections 393.1009-1015 RSMo and 4 CSR 240-3.265 RSMo, the revised ISRS rate schedule, filed concurrently with this Petition, reflects the appropriate pre-tax ISRS revenues necessary to produce net operating income equal to AmerenUE's weighted cost of capital multiplied by the net original cost of the requested infrastructure replacements during this period that are eligible for the ISRS. AmerenUE also seeks to recover all state, federal and local income or excise taxes applicable to such ISRS income, and to recover all other ISRS costs such as depreciation expense and property taxes due within 12 months of this filing. The total AmerenUE ISRS revenue requirement being requested is \$759,019.

#### **A. Eligibility of Costs**

9. The infrastructure system replacements for which AmerenUE seeks ISRS recognition are set forth on Appendix A, which is attached hereto and made a part

hereof for all purposes. The infrastructure system replacements listed on Appendix A are eligible gas utility plant projects in that they are either: a) mains, valves, service lines, regulator stations, vaults, and other pipeline system components installed to comply with state or federal safety requirements as replacements for existing facilities that have worn out or are in deteriorated condition; or b) main relining projects, service line insertion projects, joint encapsulation projects, and other similar projects extending the useful life, or enhancing the integrity of pipeline system components undertaken to comply with state or federal safety requirements; or c) unreimbursed infrastructure facility relocations due to the construction or improvement of a highway, road, street, public way or other public work required by or on behalf of the United States, the State of Missouri, a political subdivision of the State of Missouri, or another entity having the power of eminent domain.

10. In addition to meeting the foregoing criteria, the infrastructure system replacements listed on Appendix A are also eligible for ISRS treatment because they: a) did not increase revenues by directly connecting to new customers; b) are currently in service and used and useful; c) were not included in AmerenUE's rate base in its most recently completed general rate case, or in a previous ISRS filing; and d) replaced and/or extended the useful life of existing infrastructure.

11. Finally, the infrastructure system replacements listed on Appendix A are eligible for ISRS treatment because AmerenUE's last general gas rate case proceeding was decided by a Commission order issued within the past 3 years, that is, on March 15, 2007, in Case No. GR-2007-0003 (the "Rate Case").

**B. Rate Schedules, Calculations and Supporting Documentation**

12. AmerenUE is filing concurrently with this petition a proposed rate schedule that would adjust the ISRS surcharge to reflect the additional costs the Company seeks to recover through this filing. Attached hereto as Appendix B are documents supporting the proposed rate schedule. This proposed rate schedule, on an annualized basis, will produce additional ISRS revenues of at least one-half of one percent, but not in excess of ten percent of AmerenUE's base revenue level as approved by the Commission in its most recently completed general rate proceeding.

13. In determining the appropriate pre-tax ISRS revenues, the proposed rate schedule utilizes current local, state and federal income tax rates through a combined income tax rate conversion factor of 1.6231.

14. In determining the appropriate pre-tax ISRS revenues, the proposed rate schedule utilizes the regulatory capital structure underlying the Stipulation and Agreement in the Rate Case ("Rate Case Stipulation") and approved by the Commission in the Company's companion electric case, Case No. ER-2007-0002, and reflects an overall rate of return of 7.82%.

15. In determining the appropriate pre-tax ISRS revenues, the proposed rate schedule utilizes a weighted average cost of debt of 2.50%, consistent with the Rate Case Stipulation, and approved by the Commission in the Company's companion electric rate case.

16. In determining the appropriate pre-tax ISRS revenues, the proposed rate schedule utilizes a cost of common equity of 10%, consistent with Paragraph 11 of the Rate Case Stipulation.

17. In determining the appropriate pre-tax ISRS revenues, the proposed rate schedule utilizes depreciation rates currently applicable to the eligible infrastructure system replacements, as set forth in the Rate Case Stipulation.

18. In determining the appropriate monthly ISRS charge, the proposed rate schedule is based on class customer counts for the 12 months ending January 2010. The monthly ISRS charge for each customer class was calculated maintaining the proportional relationship equivalent to the proportional relationship of the monthly customer charge for each customer class (*See* Appendix C).

19. A description of all information to be placed on the Company's website regarding the ISRS and related infrastructure system replacement project, along with proposed call center instructions pertaining to the ISRS, are described in Appendix D, attached hereto.

**WHEREFORE**, pursuant to 393.1015.2(3) and Commission Rule 3.265(12), Union Electric Company d/b/a AmerenUE respectfully requests that the Commission issue an Order approving a change to AmerenUE's ISRS rate schedules, to provide for the recovery of the eligible infrastructure system replacement investments made by AmerenUE from June 1, 2009 to December 31, 2009, and granting such other relief as

may be necessary and appropriate to accomplish the purposes of Sections 393.1009 through 393.1015 RSMo.

Respectfully submitted,

UNION ELECTRIC COMPANY,  
d/b/a AmerenUE

By: /s/ Thomas M. Byrne

**Steven R. Sullivan**, # 33102  
Sr. Vice President, General  
Counsel and Secretary  
**Thomas M. Byrne**, # 33340  
Managing Assoc. General Counsel  
Ameren Services Company  
P.O. Box 66149  
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ATTORNEYS FOR AMERENUE

**CERTIFICATE OF SERVICE**

The undersigned certifies that a true and correct copy of the foregoing Petition was served on the General Counsel of the Staff of the Missouri Public Service Commission and the Office of the Public Counsel on this 12th day of March, 2010, by hand-delivery, fax, electronic mail or by placing a copy of such Petition, postage prepaid, in the United States mail.

*/s/ Thomas M. Byrne*\_\_\_\_\_

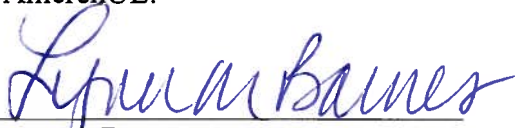
Thomas M. Byrne



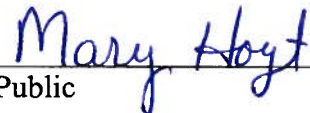
**VERIFICATION**

State of Missouri                    )  
  )  
City of St. Louis                    )       ss

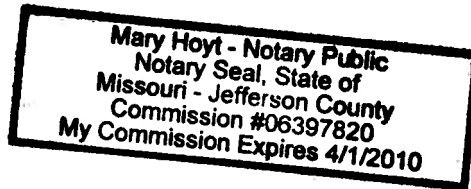
I, Lynn M. Barnes, being of lawful age state: that I am Vice President of Business Planning and Controller for Union Electric Company d/b/a AmerenUE; that I have read the foregoing Petition and the documents attached thereto; that the statements and information set forth in such Petition and attached documents are true and correct to the best of my information, knowledge and belief; and, that I am authorized to make this statement on behalf of Union Electric Company d/b/a AmerenUE.

  
\_\_\_\_\_  
Lynn M. Barnes

Subscribed and sworn to before me this 12<sup>th</sup> day of March, 2010.

  
\_\_\_\_\_  
Notary Public

My Commission Expires: 4-1-2010



AmerenUE  
ISRS Revenue Requirement Calculation  
Project Detail - Additions

Project	Account	Month Closed to Plant	Total	Months	Depr Rate	Accum Depr	Annual Depr Expense
<b>0C274</b>	<b>BTR-GAS REPL MPSC (eligible for bonus Tax Depreciation)</b>						
	376	July 2009	1,189	10	0.001850	22	26
	376	Aug 2009	8,655	9	0.001850	144	192
	376 Total		9,844			166	218
	380	July 2009	3,889	10	0.002150	84	100
	380	Aug 2009	24,401	9	0.002150	472	630
	380 Total		28,290			556	730
0C274 Total			38,134			722	948
<b>0C373</b>	<b>COZ-GAS REP UNPROT ST SERV (eligible for bonus Tax Depreciation)</b>						
	376	June 2009	906	11	0.001850	18	20
	376	July 2009	2,452	10	0.001850	45	54
	376	Aug 2009	256	9	0.001850	4	6
	376	Nov 2009	161	6	0.001850	2	4
	376 Total		3,775			69	84
	380	June 2009	30,894	11	0.002150	731	797
	380	July 2009	10,010	10	0.002150	215	258
	380	Oct 2009	1,039	7	0.002150	16	27
	380	Nov 2009	(376)	6	0.002150	(5)	(10)
	380	Dec 2009	5,076	5	0.002150	55	131
	380 Total		46,643			1,012	1,203
	383	July 2009	653	10	0.001867	12	15
	383	Nov 2009	215	6	0.001867	2	5
	383 Total		868			14	20
0C373 Total			51,286			1,095	1,307
<b>0C374</b>	<b>COZ-GAS REPL MPSC (eligible for bonus Tax Depreciation)</b>						
	376	Nov 2009	6,687	6	0.001850	74	148
	376	Dec 2009	32,163	5	0.001850	298	714
	376 Total		38,850			372	862
	380	July 2009	6,201	10	0.002150	133	160
	380	Nov 2009	12,756	6	0.002150	165	329
	380	Dec 2009	5,596	5	0.002150	60	144
	380 Total		24,553			358	633
	383	Nov 2009	1,143	6	0.001867	13	26
	383	Dec 2009	26	5	0.001867	-	1
	383 Total		1,169			13	27
0C374 Total			64,572			743	1,522
<b>0C673</b>	<b>MOV-GAS REP UNPROTECTED STEEL SVC (eligible for bonus Tax Depreciation)</b>						
	376	Aug 2009	1,841	9	0.001850	31	41
	376	Dec 2009	7	5	0.001850	-	-
	376 Total		1,848			31	41
	380	July 2009	1,482	10	0.002150	32	38

AmerenUE  
ISRS Revenue Requirement Calculation  
Project Detail - Additions

Project	Account	Month Closed to Plant	Total	Months	Depr Rate	Accum Depr	Annual Depr Expense
	380	Aug 2009	2,358	9	0.002150	46	61
	380	Sept 2009	486	8	0.002150	8	13
	380	Oct 2009	731	7	0.002150	11	19
	380	Dec 2009	626	5	0.002150	7	16
	380 Total		5,683			104	147
	383	Dec 2009	53	5	0.001867	-	1
	383 Total		53			-	1
0C673 Total			7,584			135	189
<b>0C674</b>	<b>MOV GAS REPL MPSC (eligible for bonus Tax Depreciation)</b>						
	376	June 2009	1,635	11	0.001850	33	36
	376	July 2009	759	10	0.001850	14	17
	376	Sept 2009	3,247	8	0.001850	48	72
	376	Oct 2009	34,669	7	0.001850	449	770
	376 Total		40,310			544	895
	380	June 2009	822	11	0.002150	19	21
	380	Oct 2009	12,057	7	0.002150	181	311
	380 Total		12,879			200	332
0C674 Total			53,189			744	1,227
<b>0C773</b>	<b>SMO GAS REPL UNPROTECTED STEEL SVC (eligible for bonus Tax Depreciation)</b>						
	376	June 2009	3,344	11	0.001850	68	74
	376	July 2009	6,561	10	0.001850	121	146
	376	Aug 2009	3,772	9	0.001850	63	84
	376	Sept 2009	6,254	8	0.001850	93	139
	376	Oct 2009	7,812	7	0.001850	101	173
	376	Nov 2009	2,236	6	0.001850	25	50
	376	Dec 2009	2,383	5	0.001850	22	53
	376 Total		32,362			493	719
	378	Dec 2009	(281)	5	0.001775	(2)	(6)
	378 Total		(281)			(2)	(6)
	380	June 2009	43,087	11	0.002150	1,019	1,112
	380	July 2009	18,185	10	0.002150	391	469
	380	Aug 2009	66,340	9	0.002150	1,284	1,712
	380	Sept 2009	51,827	8	0.002150	891	1,337
	380	Oct 2009	27,955	7	0.002150	421	721
	380	Nov 2009	10,077	6	0.002150	130	260
	380	Dec 2009	(8,827)	5	0.002150	(95)	(228)
	380 Total		208,644			4,041	5,383
	383	June 2009	1,286	11	0.001867	26	29
	383	July 2009	508	10	0.001867	9	11
	383	Aug 2009	1,363	9	0.001867	23	31
	383	Sept 2009	850	8	0.001867	13	19
	383	Oct 2009	531	7	0.001867	7	12

AmerenUE  
ISRS Revenue Requirement Calculation  
Project Detail - Additions

Project	Account	Month Closed to Plant	Total	Months	Depr Rate	Accum Depr	Annual Depr Expense
	383	Nov 2009	485	6	0.001867	5	11
	383	Dec 2009	12,812	5	0.001867	120	287
	383 Total		17,835			203	400
0C773 Total			258,560			4,735	6,496
<b>0C774</b>	<b>SMO GAS REPL MPSC (eligible for bonus Tax Depreciation)</b>						
	376	June 2009	8,755	11	0.001850	178	194
	376	Aug 2009	3,926	9	0.001850	65	87
	376	Sept 2009	8,740	8	0.001850	129	194
	376	Oct 2009	3,593	7	0.001850	47	80
	376	Nov 2009	11,471	6	0.001850	127	255
	376 Total		36,485			546	810
	380	June 2009	219	11	0.002150	5	6
	380	Aug 2009	24	9	0.002150	-	1
	380	Oct 2009	401	7	0.002150	6	10
	380	Nov 2009	458	6	0.002150	6	12
	380 Total		1,102			17	29
	383	June 2009	310	11	0.001867	6	7
	383	Oct 2009	79	7	0.001867	1	2
	383	Nov 2009	347	6	0.001867	4	8
	383 Total		736			11	17
0C774 Total			38,323			574	856
<b>16110</b>	<b>HWY 763 Relocation (eligible for bonus Tax Depreciation)</b>						
	376	Sept 2009	(19)	8	0.001850	-	-
	376 Total		(19)			-	-
	380	Sept 2009	19	8	0.002150	-	-
	380 Total		19			-	-
16110 Total			-			-	-
<b>18721</b>	<b>VANDALIA - PVC (eligible for bonus Tax Depreciation)</b>						
	376	Oct 2009	3,043	7	0.001850	39	68
	376 Total		3,043			39	68
	380	Oct 2009	(3,089)	7	0.002150	(46)	(80)
	380 Total		(3,089)			(46)	(80)
	383	Oct 2009	46	7	0.001867	1	1
	383 Total		46			1	1
18721 Total			-			(6)	(11)
<b>18733</b>	<b>Higbee PVC replacement (eligible for bonus Tax Depreciation)</b>						
	376	Dec 2009	689,425	5	0.001850	6,377	15,305
	376 Total		689,425			6,377	15,305
	378	Dec 2009	16,258	5	0.001775	144	346
	378 Total		16,258			144	346

AmerenUE  
ISRS Revenue Requirement Calculation  
Project Detail - Additions

Project	Account	Month Closed to Plant	Total	Months	Depr Rate	Accum Depr	Annual Depr Expense
	380	Dec 2009	214,912	5	0.002150	2,310	5,545
	380 Total		214,912			2,310	5,545
	383	Dec 2009	8,070	5	0.001867	75	181
	383 Total		8,070			75	181
18733 Total			928,665			8,906	21,377
<b>18745</b>	<b>Auxvasse PVC replacement (eligible for bonus Tax Depreciation)</b>						
	376	Nov 2009	648,729	6	0.001850	7,201	14,402
	376	Dec 2009	40,085	5	0.001850	371	890
	376 Total		688,814			7,572	15,292
	380	Nov 2009	238,385	6	0.002150	3,075	6,150
	380	Dec 2009	11,443	5	0.002150	123	295
	380 Total		249,828			3,198	6,445
	383	Nov 2009	5,880	6	0.001867	66	132
	383	Dec 2009	1,312	5	0.001867	12	29
	383 Total		7,192			78	161
18745 Total			945,834			10,848	21,898
<b>18749</b>	<b>Center PVC replacement (eligible for bonus Tax Depreciation)</b>						
	376	Dec 2009	543,490	5	0.001850	5,027	12,065
	376 Total		543,490			5,027	12,065
	380	Dec 2009	170,190	5	0.002150	1,830	4,391
	380 Total		170,190			1,830	4,391
	383	Dec 2009	5,880	5	0.001867	55	132
	383 Total		5,880			55	132
18749 Total			719,560			6,912	16,588
<b>18848</b>	<b>Jamestown PVC replacement (eligible for bonus Tax Depreciation)</b>						
	376	Nov 2009	263,704	6	0.001850	2,927	5,854
	376	Dec 2009	44,094	5	0.001850	408	979
	376 Total		307,798			3,335	6,833
	380	Nov 2009	72,320	6	0.002150	933	1,866
	380	Dec 2009	25,061	5	0.002150	269	647
	380 Total		97,381			1,202	2,513
	383	Dec 2009	2,599	5	0.001867	24	58
	383 Total		2,599			24	58
18848 Total			407,778			4,561	9,404
<b>20150</b>	<b>Independence Gov Relocation GasCape (eligible for bonus Tax Depreciation)</b>						
	376	June 2009	531,762	11	0.001850	10,821	11,805
	376	July 2009	3,881	10	0.001850	72	86
	376	Aug 2009	24,380	9	0.001850	406	541
	376	Nov 2009	3,737	6	0.001850	41	83
	376 Total		563,760			11,340	12,515

AmerenUE  
ISRS Revenue Requirement Calculation  
Project Detail - Additions

Project	Account	Month Closed to Plant	Total	Months	Depr Rate	Accum Depr	Annual Depr Expense
	380	June 2009	2,180	11	0.002150	52	56
	380	Aug 2009	380	9	0.002150	7	10
	380 Total		2,560			59	66
20150 Total			566,320			11,399	12,581
<b>20371</b>	<b>Lohman PVC replacement (eligible for bonus Tax Depreciation)</b>						
	376	June 2009	23,333	11	0.001850	475	518
	376	Aug 2009	122	9	0.001850	2	3
	376	Dec 2009	617	5	0.001850	6	14
	376 Total		24,072			483	535
	380	June 2009	3,963	11	0.002150	94	102
	380 Total		3,963			94	102
	383	June 2009	1,671	11	0.001867	34	37
	383 Total		1,671			34	37
20371 Total			29,706			611	674
<b>20551</b>	<b>Troy PVC replacement (eligible for bonus Tax Depreciation)</b>						
	376	June 2009	63,575	11	0.001850	1,294	1,411
	376	July 2009	74,959	10	0.001850	1,387	1,664
	376	Aug 2009	65,536	9	0.001850	1,091	1,455
	376	Sept 2009	113,065	8	0.001850	1,673	2,510
	376	Oct 2009	77,712	7	0.001850	1,006	1,725
	376	Nov 2009	165,607	6	0.001850	1,838	3,676
	376	Dec 2009	246,169	5	0.001850	2,277	5,465
	376 Total		806,623			10,566	17,906
	380	June 2009	54,325	11	0.002150	1,285	1,402
	380	July 2009	42,002	10	0.002150	903	1,084
	380	Aug 2009	70,092	9	0.002150	1,356	1,808
	380	Sept 2009	73,631	8	0.002150	1,266	1,900
	380	Oct 2009	101,645	7	0.002150	1,530	2,622
	380	Nov 2009	112,320	6	0.002150	1,449	2,898
	380	Dec 2009	145,404	5	0.002150	1,563	3,751
	380 Total		599,419			9,352	15,465
	383	Nov 2009	8,285	6	0.001867	93	186
	383 Total		8,285			93	186
20551 Total			1,414,327			20,011	33,557
<b>20552</b>	<b>Jonesburg PVC replacement (eligible for bonus Tax Depreciation)</b>						
	376	June 2009	41,379	11	0.001850	842	919
	376	July 2009	45,660	10	0.001850	845	1,014
	376	Aug 2009	48,590	9	0.001850	809	1,079
	376	Sept 2009	83,039	8	0.001850	1,229	1,843
	376	Oct 2009	44,221	7	0.001850	573	982
	376	Nov 2009	70,571	6	0.001850	783	1,567

AmerenUE  
ISRS Revenue Requirement Calculation  
Project Detail - Additions

Project	Account	Month Closed to Plant	Total	Months	Depr Rate	Accum Depr	Annual Depr Expense
	376	Dec 2009	272,987	5	0.001850	2,525	6,060
	376 Total		606,447			7,606	13,464
	380	June 2009	11,696	11	0.002150	277	302
	380	July 2009	13,531	10	0.002150	291	349
	380	Aug 2009	14,249	9	0.002150	276	368
	380	Sept 2009	33,199	8	0.002150	571	857
	380	Oct 2009	17,892	7	0.002150	269	462
	380	Nov 2009	37,666	6	0.002150	486	972
	380	Dec 2009	110,612	5	0.002150	1,189	2,854
	380 Total		238,845			3,359	6,164
20552	Total		845,292			10,965	19,628
<b>22283</b>	<b>MO Valley steel service replacement (eligible for bonus Tax Depreciation)</b>						
	376	Dec 2009	168	5	0.001850	2	4
	376 Total		168			2	4
	380	Dec 2009	235,272	5	0.002150	2,529	6,070
	380 Total		235,272			2,529	6,070
	383	Dec 2009	7,155	5	0.001867	67	160
	383 Total		7,155			67	160
22283	Total		242,595			2,598	6,234
Grand Total			6,611,725			85,553	154,475

AmerenUE  
ISRS Revenue Requirement Calculation  
Project Detail - Retirements

Project	Account	month_number	Total	Depr Rate	Annual Depr Expense
<b>0A214</b>	<b>DIST SVCS-CI REPLAC MPSC</b>				
	383	200907 July 2009	12	2.24%	-
	383 Total		12		-
0A214 Total			12		-
<b>0C273</b>	<b>BTR-GAS ISRS</b>				
	380	200907 July 2009	(2,530)	2.58%	(65)
	380 Total		(2,530)		(65)
0C273 Total			(2,530)		(65)
<b>0C274</b>	<b>BTR-GAS REPL MPSC</b>				
	376	200909 Sept 2009	(1,643)	2.22%	(36)
	376 Total		(1,643)		(36)
	378	200907 July 2009	(205)	2.13%	(4)
	378 Total		(205)		(4)
0C274 Total			(1,848)		(40)
<b>0C373</b>	<b>COZ-GAS REP UNPROT ST SERV</b>				
	367	200907 July 2009	(166)	2.00%	(3)
	367 Total		(166)		(3)
	376	200906 June 2009	(187)	2.22%	(4)
	376	200909 Sept 2009	(3,617)	2.22%	(80)
	376 Total		(3,804)		(84)
	378	200907 July 2009	(773)	2.13%	(16)
	378 Total		(773)		(16)
	380	200906 June 2009	(25)	2.58%	(1)
	380	200908 Aug 2009	(526)	2.58%	(14)
	380	200909 Sept 2009	(12,095)	2.58%	(312)
	380 Total		(12,646)		(327)
	383	200908 Aug 2009	(12)	2.24%	-
	383	200909 Sept 2009	(501)	2.24%	(11)
	383 Total		(513)		(11)
0C373 Total			(17,902)		(441)
<b>0C374</b>	<b>COZ-GAS REPL MPSC</b>				
	376	200912 Estimate	(370)	2.22%	(8)
	376 Total		(370)		(8)
	380	200912 Estimate	(1,136)	2.58%	(29)
	380 Total		(1,136)		(29)
	383	200912 Estimate	(11)	2.24%	-
	383 Total		(11)		-
0C374 Total			(1,517)		(37)
<b>0C673</b>	<b>MOV-GAS REP UNPROTECTED STEEL SVC</b>				
	376	200912 Estimate	(7,770)	2.22%	(172)



AmerenUE  
ISRS Revenue Requirement Calculation  
Project Detail - Retirements

Project	Account	month_number	Total	Depr Rate	Annual Depr Expense
	376 Total		(7,770)		(172)
	380	200912 Estimate	(4,911)	2.58%	(127)
	380 Total		(4,911)		(127)
	383	200912 Estimate	(234)	2.24%	(5)
	383 Total		(234)		(5)
0C673 Total			(12,915)		(304)
<b>0C674</b>	<b>MOV GAS REPL MPSC</b>				
	376	200911 Nov 2009	(10,365)	2.22%	(230)
	376 Total		(10,365)		(230)
0C674 Total			(10,365)		(230)
<b>0C773</b>	<b>SMO GAS REPL UNPROTECTED STEEL SVC</b>				
	376	200909 Sept 2009	(19)	2.22%	-
	376 Total		(19)		-
	380	200906 June 2009	(2,277)	2.58%	(59)
	380	200907 July 2009	(354)	2.58%	(9)
	380	200908 Aug 2009	(487)	2.58%	(13)
	380	200909 Sept 2009	(1,336)	2.58%	(34)
	380	200910 Oct 2009	(392)	2.58%	(10)
	380	200911 Nov 2009	(732)	2.58%	(19)
	380	200912 Dec 2009	(54)	2.58%	(1)
	380 Total		(5,632)		(145)
	383	200906 June 2009	(12)	2.24%	-
	383	200907 July 2009	(24)	2.24%	(1)
	383	200908 Aug 2009	(12)	2.24%	-
	383	200909 Sept 2009	(215)	2.24%	(5)
	383	200910 Oct 2009	(84)	2.24%	(2)
	383	200911 Nov 2009	(60)	2.24%	(1)
	383	200912 Dec 2009	(12)	2.24%	-
	383 Total		(419)		(9)
0C773 Total			(6,070)		(154)
<b>0C774</b>	<b>SMO GAS REPL MPSC</b>				
	376	200909 Sept 2009	(1,761)	2.22%	(39)
	376	200912 Dec 2009	(787)	2.22%	(17)
	376 Total		(2,548)		(56)
0C774 Total			(2,548)		(56)
<b>16624</b>	<b>ELSBERRY PVC REPLACEMENT 2008</b>				
	376	200907 July 2009	(76,769)	2.22%	(1,704)
	376	200909 Sept 2009	(2,746)	2.22%	(61)
	376 Total		(79,515)		(1,765)
	380	200907 July 2009	(488,397)	2.58%	(12,601)
	380 Total		(488,397)		(12,601)

AmerenUE  
ISRS Revenue Requirement Calculation  
Project Detail - Retirements

Project	Account	month_number	Total	Depr Rate	Annual Depr Expense
	383	200907 July 2009	(8,502)	2.24%	(190)
	383 Total		(8,502)		(190)
16624 Total			(576,414)		(14,556)
<b>17834</b>	<b>Russellville PVC Main and Service</b>				
	376	200907 July 2009	(2,761)	2.22%	(61)
	376 Total		(2,761)		(61)
	380	200907 July 2009	(3,162)	2.58%	(82)
	380 Total		(3,162)		(82)
17834 Total			(5,923)		(143)
<b>18720</b>	<b>CENTRALIA - PVC</b>				
	380	200906 June 2009	(891)	2.58%	(23)
	380 Total		(891)		(23)
18720 Total			(891)		(23)
<b>18721</b>	<b>VANDALIA - PVC</b>				
	376	200906 June 2009	(7,350)	2.22%	(163)
	376 Total		(7,350)		(163)
	380	200906 June 2009	(832)	2.58%	(21)
	380 Total		(832)		(21)
18721 Total			(8,182)		(184)
<b>18733</b>	<b>Higbee PVC replacement</b>				
	376	200912 Estimate	(327,352)	2.22%	(7,267)
	376 Total		(327,352)		(7,267)
	380	200912 Estimate	(115,015)	2.58%	(2,967)
	380 Total		(115,015)		(2,967)
18733 Total			(442,367)		(10,234)
<b>18744</b>	<b>PRAIRIE HOME - PVC</b>				
	376	200906 June 2009	(15,631)	2.22%	(347)
	376 Total		(15,631)		(347)
18744 Total			(15,631)		(347)
<b>18745</b>	<b>Auxvasse PVC replacement</b>				
	376	200912 Estimate	(137,763)	2.22%	(3,058)
	376 Total		(137,763)		(3,058)
	380	200912 Estimate	(49,966)	2.58%	(1,289)
	380 Total		(49,966)		(1,289)
	383	200912 Estimate	(1,438)	2.24%	(32)
	383 Total		(1,438)		(32)
18745 Total			(189,167)		(4,379)
<b>18749</b>	<b>Center PVC replacement</b>				

AmerenUE  
ISRS Revenue Requirement Calculation  
Project Detail - Retirements

Project	Account	month_number	Total	Depr Rate	Annual Depr Expense
	376	200912 Estimate	(108,698)	2.22%	(2,413)
	376 Total		(108,698)		(2,413)
	380	200912 Estimate	(34,038)	2.58%	(878)
	380 Total		(34,038)		(878)
	383	200912 Estimate	(1,176)	2.24%	(26)
	383 Total		(1,176)		(26)
18749 Total			(143,912)		(3,317)
<b>18848</b>	<b>Jamestown PVC replacement</b>				
	376	200912 Estimate	(61,560)	2.22%	(1,367)
	376 Total		(61,560)		(1,367)
	380	200912 Estimate	(19,476)	2.58%	(502)
	380 Total		(19,476)		(502)
	383	200912 Estimate	(520)	2.24%	(12)
	383 Total		(520)		(12)
18848 Total			(81,556)		(1,881)
<b>20150</b>	<b>Independence Gov Relocation GasCape</b>				
	376	200912 Estimate	(112,752)	2.22%	(2,503)
	376 Total		(112,752)		(2,503)
	380	200912 Estimate	(512)	2.58%	(13)
	380 Total		(512)		(13)
20150 Total			(113,264)		(2,516)
<b>20371</b>	<b>Lohman PVC replacement</b>				
	376	200912 Dec 2009	(30,773)	2.22%	(683)
	376 Total		(30,773)		(683)
	380	200912 Dec 2009	(35,737)	2.58%	(922)
	380 Total		(35,737)		(922)
	383	200912 Dec 2009	(1,195)	2.24%	(27)
	383 Total		(1,195)		(27)
20371 Total			(67,705)		(1,632)
<b>20551</b>	<b>Troy PVC replacement</b>				
	376	200909 Sept 2009	(28,253)	2.22%	(627)
	376 Total		(28,253)		(627)
	380	200909 Sept 2009	(79,214)	2.58%	(2,044)
	380 Total		(79,214)		(2,044)
	383	200909 Sept 2009	(1,272)	2.24%	(28)
	383 Total		(1,272)		(28)
20551 Total			(108,739)		(2,699)
<b>20552</b>	<b>Jonesburg PVC replacement</b>				
	376	200912 Estimate	(121,289)	2.22%	(2,693)
	376 Total		(121,289)		(2,693)

AmerenUE  
ISRS Revenue Requirement Calculation  
Project Detail - Retirements

Project	Account	month_number	Total	Depr Rate	Annual Depr Expense
	380	200912 Estimate	(47,769)	2.58%	(1,232)
	380 Total		(47,769)		(1,232)
20552 Total			(169,058)		(3,925)
<b>21978</b>	<b>Holts Summit /Trailer Park</b>				
	376	200906 June 2009	(6,865)	2.22%	(152)
	376 Total		(6,865)		(152)
21978 Total			(6,865)		(152)
<b>22283</b>	<b>MO Valley steel service replacement</b>				
	376	200912 Estimate	(34)	2.22%	(1)
	376 Total		(34)		(1)
	380	200912 Estimate	(47,054)	2.58%	(1,214)
	380 Total		(47,054)		(1,214)
	383	200912 Estimate	(1,431)	2.24%	(32)
	383 Total		(1,431)		(32)
22283 Total			(48,519)		(1,247)
Grand Total			(2,033,876)		(48,562)

AmerenUE  
ISRS Revenue Requirement Calculation  
Based on Additions through December 31, 2009

Gross Additions	\$ 6,611,725
Accumulated Depreciation	(85,553)
Accumulated Deferred Income Taxes	(1,327,357)
Incremental Accumulated Depreciation	(314,681)
Incremental Accumulated Deferred Taxes	<u>(542,868)</u>
Total ISRS Rate Base	4,341,266
Overall Rate of Return per GR-2007-0003	<u>7.82%</u>
Utility Operating Income Required	339,487
Income Tax Conversion Factor	<u>1.6231</u>
Revenue Requirement Before Interest Deductibility	<u>551,021</u>
Total ISRS Rate Base	4,341,266
Weighted Cost of Debt per GR-2007-0003	<u>2.50%</u>
Interest Deduction	108,532
Effective Tax Rate	<u>38.39%</u>
Income Tax Deduction Due to Interest	41,665
Income Tax Conversion Factor	<u>1.6231</u>
Revenue Requirement Impact of Interest Deductibility	<u>67,626</u>
Total Revenue Requirement on Capital	483,395
Annual Depreciation - Gross Additions	154,475
Annual Depreciation - Retirements	(48,562)
Annual Property Taxes	<u>169,711</u>
Total Company ISRS Revenue	<u><u>\$ 759,019</u></u>

AmerenUE  
ISRS Revenue Requirement Calculation  
Accumulated Deferred Income Taxes

	Adjusted Tax Basis on Additions	
In-service 2009	6,611,725	
Bonus Depreciation Qualified Assets	\$ 6,045,405	
Bonus Depreciation Rate	<u>50%</u>	
Bonus Depreciation	<u>3,022,703</u>	3,022,703
Depreciable balance	3,589,022	
First Year Tax Rate	5.00%	
Second Year Tax Rate	<u>9.50%</u>	
Total	<u>14.50%</u>	
		<u>520,408</u>
Total Accumulated Tax Depreciation		3,543,111
Total Book Depreciation		<u>85,553</u>
		3,457,558
Effective Tax Rate		<u>38.39%</u>
Total Accumulated Deferred Income Taxes		<u><u>\$ 1,327,357</u></u>

AmerenUE  
ISRS Revenue Requirement Calculation  
COST OF CAPITAL SUMMARY GR-2007-0003  
06/30/06

<u>Type of Capital</u>	<u>\$ Amount</u>	<u>Proportion of Total</u>	<u>Cost of Each Type</u>	<u>Cost</u>
Long Term Debt	\$ 2,551,919,839	44.964%	5.473%	2.46%
Short Term Debt	45,093,124	0.795%	5.360%	0.04%
Preferred Stock	114,502,040	2.017%	5.189%	0.10%
Common Stock	<u>2,963,961,528</u>	<u>52.224%</u>	10.000%	<u>5.22%</u>
TOTAL	<u>\$ 5,675,476,531</u>	<u>100.000%</u>		<u>7.82%</u>

AmerenUE  
ISRS Revenue Requirement Calculation  
Property Taxes

Property Tax Calculation  
Based upon GR-2007-0003

Property Tax	<u>\$ 6,214,988</u>	
Gas Utility Plant in Service	<u>\$ 313,558,295</u>	
Rate		1.9821%
Gross Plant Additions for 2009 (previous filing Jan-May)	\$ 1,950,468	
Gross Plant Additions for 2009 (current filing June-Dec)	<u>6,611,725</u>	
	<u>\$ 8,562,193</u>	
Annual Property Taxes	<u><u>\$ 169,711</u></u>	



AmerenUE  
ISRS Revenue Requirement Calculation  
Incremental Accumulated Depreciation and Deferred Income Taxes

	Accumulated Depreciation	Accumulated Deferred Income Taxes
Filing GT-2008-0184:		
At April 2010	637,298	932,447
At August 2009	<u>496,752</u>	<u>629,049</u>
Incremental Change	<u>140,546</u>	<u>303,398</u>
Filing GT-2009-0038:		
At April 2010	163,076	262,977
At August 2009	<u>118,148</u>	<u>158,255</u>
Incremental Change	<u>44,928</u>	<u>104,722</u>
Filing GT-2010-0413:		
At April 2010	286,304	1,793,019
At August 2009	<u>157,097</u>	<u>1,658,271</u>
Incremental Change	<u>129,207</u>	<u>134,748</u>
Combined Increase	<u><u>314,681</u></u>	<u><u>542,868</u></u>

AmerenUE

CASE NO. GO-2009-XXXX  
FILE NO. YG-2009-XXXX  
ISRS RATE DESIGN

November 2007 Filing	<b>\$1,211,459</b>
July 2008 Filing	<b>\$390,809</b>
May 2009 Filing	<b>\$947,929</b>
True-Up	<b>\$74,242</b>
Mar 2010 Filing	<b>\$759,019</b>
<b>Company's Total ISRS Revenues</b>	<b>\$3,383,458</b>

<b>Customer Rate Class</b>	<b>Number of Customers<sup>1</sup></b>	<b>Customer Charges<sup>2</sup></b>	<b>Ratio To Res. Cust. Charge</b>	<b>Weighted Customer #</b>	<b>Customer Percentage</b>	<b>ISRS charge</b>	<b>ISRS Revenues</b>
Residential	112,753	\$15.00	1.0000	112,753	83.2021%	<b>\$2.08</b>	\$2,815,108
Small General Service	13,158	\$24.00	1.6000	21,053	15.5352%	<b>\$3.33</b>	\$525,626
Interruptible Service	18	\$221.00	14.7333	265	0.1957%	<b>\$30.65</b>	\$6,621
Large Volume Service	18	\$1,205.00	80.3333	1,446	1.0670%	<b>\$167.14</b>	\$36,102
							\$0
<b>TOTAL</b>	<b>125,947</b>			<b>135,517</b>	<b>100.0000%</b>		<b>\$3,383,458</b>

Footnote #1 - must use number of customers reported in annual report, or average number of customers (by class) for 12-months - adjusted for customer who pay ISRS, but don't buy gas.

Customers ave for 12 months ending January 2010

Footnote #2 - must use every class tariffed when calculating ISRS.

## **INFORMATION TO BE POSTED ON AMERENUE'S WEBSITE REGARDING ISRS**

Since 2003, AmerenUE has spent more than \$71 million in order to provide safe and reliable gas service in Missouri. Including service lines, the company is responsible for nearly 5,000 miles of natural gas pipeline. AmerenUE uses an infrastructure system replacement surcharge, or ISRS, to fund part of this work—which includes maintaining and upgrading the system and relocating facilities affected by local, state and federal public improvement projects and safety requirements. The ISRS charge is typically smaller for residential customers; while larger users in other customer classes are charged a greater amount. The amount of the charge may be adjusted periodically after review by the Missouri Public Service Commission. Effective \_\_\_\_\_, 2010, AmerenUE's ISRS will be increased to reflect eligible costs incurred from June 1, 2009 to December 31, 2009. The ISRS charge is being implemented in accordance with Sections 393.1009, 393.1012 and 393.1015 of the Revised Statutes of Missouri.

Appendix D Page 1 of 2

APPENDIX D  
Page 1 of 2

Effective (DATE), the Missouri Public Service Commission has approved a surcharge for **gas** customer bills.

The surcharge is an Infrastructure System Replacement Surcharge (ISRS) and covers a portion of the expenses that AmerenUE must incur to maintain and upgrade its gas system and to relocate facilities in connection with local, state and federal public improvement projects and safety requirements. The surcharge reflects a 2003 law that allows utilities to adjust their gas rates twice a year to recover these mandated costs.

None of the costs and projects produce any new revenue for AmerenUE to meet these obligations.

Meters read on or after (DATE) will have the charge applied to their monthly bills. The surcharge is a flat charge per month. Different surcharges apply based on customer service type. Below is a chart reflecting customer type and the amount of the surcharge to be applied:

(SAMPLE CHART SHOWING CUSTOMER TYPE AND ASSOCIATED SURCHARGE)

The initial customer bill showing an ISRS surcharge will show a prorated charge that is a **portion** of the full charge. Future bills will reflect the full monthly surcharge amount.

The charge will be shown as a line item on a customer bill. (EXAMPLE BILL)

Appendix D Page 2 of 2