

**DIRECT TESTIMONY**

**of**

**PETER LAZARE  
Senior Economic Analyst  
Rates Department  
Financial Analysis Division  
Illinois Commerce Commission**

**Request for Approval of Revisions to Delivery Services Tariffs and  
for Approval of Delivery Services Implementation Plan for  
Residential Customers**

**Central Illinois Public Service Company, d/b/a AmerenCIPS  
And  
Union Electric Company, d/b/a AmerenUE**

**Docket No. 00-0802**

**April 20, 2001**

1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12  
13  
14  
15  
16  
17  
18  
19  
20  
21  
22  
23

## Introduction

Q. Please state your name and business address.

A. My name is Peter Lazare. My business address is 527 East Capitol Avenue, P.O. Box 19280, Springfield, Illinois 62794-9280.

Q. What is your present position?

A. I am a Senior Economic Analyst with the Illinois Commerce Commission (“Commission”). I work in the Financial Analysis Division on rate design and cost-of-service issues.

Q. What is your experience in the regulatory field?

A. My experience includes eight years of employment at the Commission where I have provided testimony and performed related ratemaking tasks. I have testified on cost-of-service, rate design, load forecasting and demand-side management issues that concern both electric and gas utilities.

Previously, I served as a Research Associate with the Tellus Institute, an energy and environmental consulting firm in Boston, Massachusetts. I also spent two years with the Minnesota Department of Public Service as a Senior Rate Analyst, addressing rate design issues and evaluating utility-sponsored energy conservation programs.

24

25 Q. Please discuss your educational background.

26 A. I received a B.A. in Economics and History from the University of Wisconsin  
27 and an M.A. in Economics from the University of Illinois at Springfield in  
28 1996.

29

30 Q. What is the focus of your testimony in this case?

31 A. I examine the Company's Single Bill Option (SBO) credits to determine  
32 whether they are based on an appropriate set of costs.

33

34 Q. Does Ameren make any proposals regarding the SBO credit in this  
35 proceeding?

36 A. Ameren has not proposed any changes to the SBO credit that was approved  
37 in its previous delivery services case (Docket No. 99-0121). Thus, the  
38 Company would like the SBO credit approved in Docket No. 99-0121 to  
39 remain in effect.

40

41 Q. What do you conclude about Ameren's current SBO credits?

42 A. I find that the Company's SBO credits are too small. Ameren has used an  
43 inappropriate cost standard that generates an unreasonably low set of SBO  
44 credits. In addition, the Company's SBO tariff is incomplete because it does  
45 not include a credit for residential customers.

46

47 Q. Have you developed an alternative set of SBO credits?

48 A. Yes, I developed the credits presented in the attached Schedule 1. My  
49 proposed credits range from 32 cents/month for Residential customers to  
50 \$14.62/month for large DS-3 customers on the AmerenCIPS system. The  
51 corresponding credits on the AmerenUE system range from 33 cents/month  
52 for Residential customers to \$15.67/month for large DS-3 and DS-4  
53 customers. These credits are based upon a more reasonable cost standard  
54 and should be adopted in this proceeding.

55

56 Q. What is the starting point for your discussion of Ameren's SBO tariff?

57 A. The starting point is the discussion of the SBO that took place in Docket No.  
58 99-0121.

59

60 Q. Isn't it true that both Staff and the Commission accepted Ameren's proposed  
61 method for calculating the SBO credit in that case?

62 A. Yes.

63

64 Q. Considering this acceptance of the SBO, why do you believe the issue  
65 should be revisited at this time?

66 A. There are some fundamental problems in the way the SBO was calculated  
67 that need to be addressed. The Commission has enunciated two principles  
68 for the unbundling process. One is that delivery services should be  
69 unbundled on a consistent basis. Second, the costing platform for the

70 unbundling process should be embedded costs. Ameren's SBO  
71 methodology falls short in each of these areas and, therefore, needs to be  
72 revisited at this time.

73

74 Q. Didn't the Commission state that Ameren's SBO credits satisfy its  
75 embedded cost requirement?

76 A. Yes, in approving the Company's current SBO credit, the Commission stated  
77 that it was based on embedded costs (Order Docket No. 99-0121, p. 118).  
78 However, as I will demonstrate, the Company's SBO credit does not meet  
79 this standard and, therefore, provides further reason for revising Ameren's  
80 SBO credit.

81

82 Q. Please discuss the Commission's objective that delivery services be  
83 unbundled in a consistent manner.

84 A. The Commission presented its concern on this issue in the first Interim order  
85 for the meter unbundling docket (99-0013) which concluded as follows:

86

87 "it appears that the basis for establishing any credit, whether  
88 decremental costs or embedded costs, should be the same for all  
89 utilities. Furthermore, it appears that the basis for establishing credits  
90 for all unbundled delivery services should be the same. That is, the  
91 basis for establishing the credit under the single billing option should  
92 be applied to all other unbundled delivery services. (April 12, 1999, p.

93 28)

94

95 Q. What is the Commission's second conclusion on the unbundling of delivery  
96 services?

97 A. That conclusion concerns the costing methodology for unbundling delivery  
98 services. The Commission has clearly stated its preference for unbundling  
99 on the basis of embedded costs. In its order for Docket No. 99-0013, the  
100 Commission stated as follows:

101

102 Having considered the extensive record of this proceeding, the  
103 Commission finds no new factual basis for using anything other than  
104 an embedded cost approach to establish prices/credits for unbundled  
105 delivery services. (p. 49, Third Interim Order, 12/22/1999).

106

107 Q. Has Ameren's unbundling process met these Commission objectives of  
108 consistency and embedded costs to-date?

109 A. No, it has fallen short in one key area, the calculation of the SBO credit.  
110 Whereas metering was correctly unbundled on an embedded cost basis,  
111 Ameren's SBO credits were developed in an inappropriate manner on the  
112 basis of avoided costs.

113

114 Q. What costing approach did Ameren use to calculate the SBO?

115 A. The Company focused on capturing the savings that would accrue to Ameren

116 by implementing the SBO. First, it identified the gross savings to the  
117 Company in labor, postage, materials, remittance processing, and  
118 remittance labor and paystation expenses from offering the SBO. According  
119 to the Company, this amounts to 51 cents per bill for AmerenCIPS and 49  
120 cents per bill for AmerenUE (Order Docket No. 99-0121, 8/25/99, p. 116).  
121 The Company then offset these savings by the costs of administering the  
122 SBO, which includes EDI costs of approximately 30 cents for Rate DS-2  
123 customers and 48 cents for Rate DS-3 and DS-4 customers (Docket No. 99-  
124 0121, Ameren Ex. 29.2, p. 2 of 2). This generated SBO credits for Ameren  
125 customers that range from a high of 22 cents per bill for AmerenCIPS Rate  
126 DS-2 customers down to 1 cent per bill for AmerenUE DS-3 and DS-4  
127 customers. (Docket No. 99-0121, Order p. 116).

128

129 Q. Is this methodology based on embedded cost allocation principles?

130 A. No, it is not. Rather than considering the full range of embedded costs  
131 associated with billing and collecting, the Company selectively considered a  
132 smaller set of costs that pertain solely to the savings customers realize from  
133 implementing the SBO.

134

135 Q. Does Ameren consider its SBO methodology to be based on embedded  
136 costs?

137 A. No it does not according to testimony provided by the Company in its last  
138 delivery services rate case (Docket No. 99-0121). In rebuttal, Ameren

139 witness Mill criticized the use of embedded costs to determine SBO credits.

140 He then went on to advocate an alternative SBO approach based on

141 incremental or avoided costs.

142

143 Q. What was the basis for Mr. Mill's criticism of embedded costs?

144 A. Mr. Mill argued that the embedded approach did not capture the appropriate

145 costs to consider which in his estimation were the savings to the Company

146 from implementing the SBO. He argued accordingly in his rebuttal testimony:

147

148 Q. Do you agree with Mr. VanderLaan's reasons why embedded  
149 costs are a better approach to pricing these credits?

150 A. Again, I do not. To argue that embedded costs provide an

151 incentive to remove all excess workers, materials and capital goods

152 away from the billing function and reallocate them to projects or

153 functions where they may be needed is not reasonable. The reality is

154 that no cost savings will be realized by the SBO option except for the

155 incremental printing, paper and postage referred to above. Also, the

156 position that embedded costs are reflected in current rates and can

157 be audited ignores the heart of what the credit should accomplish.

158 Just because you can audit an embedded historical cost does not

159 mean that it is the proper way to value a credit for a small portion of

160 that service which is no longer provided. (Ex. Ameren 21.0, p. 23).

161

162 Q. On what basis did Mr. Mill justify an incremental or avoided cost approach to  
163 the SBO credit in Docket No. 99-0121?

164 A. Mr. Mill argued as follows:

165

166 Q. Do you agree with Mr. VanderLaan's reasons why an  
167 incremental or avoided cost approach to the credit should not be  
168 used?

169 A. No, I do not. To paraphrase some of his reasons, he believes  
170 that a complex economic model is required for a precise  
171 determination of incremental cost, that defining a real-world version of  
172 incremental costs is problematic at best and that static models fail to  
173 account for dynamic market or management factors. When one  
174 considers that the only costs that should be considered are paper,  
175 envelopes, postage and EDI transactions, the stated reasons do not  
176 provide solid justification for not using the avoided cost approach. (p.  
177 22, Ex. Ameren 21.0, Docket No. 99-0121)

178

179 Q. Do you believe Ameren has based its SBO calculation on marginal costs?

180 A. Yes. In Mr. Mill's own words, the Company used "incremental" or "avoided"  
181 costs to calculate the SBO. However, the terms incremental and avoided  
182 costs are synonymous with marginal costs according to Alfred Kahn who  
183 states as follows:

184

185 “marginal cost is the cost of producing one more unit; it can equally be  
186 envisaged as the cost that would be saved by producing one less unit.  
187 Looked at the first way, it may be termed incremental cost—the  
188 added cost of (a small amount of) incremental output. Observed in  
189 the second way, it is synonymous with avoidable cost—the cost that  
190 would be saved by (slightly) reducing output.<sup>1</sup>

191

192 By relying on a marginal costing methodology for the SBO credit, Ameren  
193 directly conflicts with the Commission’s often-stated preference for  
194 unbundling delivery services on an embedded cost basis.

195

196 Q. Turning to the Commission’s call for consistent ratemaking, does the  
197 Company’s SBO calculation methodology satisfy this objective?

198 A. No, it does not because the SBO methodology differs from the Company’s  
199 approach to unbundling metering services which takes into account all  
200 relevant embedded costs, including directly related plant and expenses as  
201 well as the meter share of common plant and overhead expenses.

202

203 Q. How do you reconcile your criticisms of Ameren’s SBO methodology with the  
204 Commission’s acceptance of that approach in Docket No. 99-0121?

205 A. The Commission’s conclusion on the SBO credit in Docket No. 99-0121

---

<sup>1</sup> Kahn, Alfred, The Economics of regulation, Copyright 1988 Massachusetts Institute of Technology, pp. 65-66.

206 represents its first cut at the unbundling of delivery services. The decision  
207 was made in the context of a whirlwind of activity on the delivery services  
208 front with the Commission having to consider a plethora of new issues  
209 including the SBO credit for nine electric utilities in Illinois within an expedited  
210 seven month schedule.

211  
212 In such a situation, it is reasonable to expect that some decisions will have to  
213 be fine-tuned to ensure consistency with the ratemaking principles on which  
214 the Commission restructured the electricity market. A clear candidate for the  
215 fine-tuning process is Ameren's SBO credit. In accepting the Company's  
216 SBO calculation, the Commission concluded that it was "based on  
217 embedded costs" (Order, p. 118). However, as the Company itself openly  
218 stated, the SBO is based on an alternative incremental or avoided cost  
219 methodology.

220  
221 Since that decision, the Commission has revisited the unbundling issue for  
222 metering services in Docket No. 99-0013 where it not only reaffirmed its  
223 commitment to embedded costs but also clearly indicated how that  
224 unbundling was to take place. The decision in Docket No. 99-0013  
225 represents the Commission's most current thinking on the issue.

226

227 Q. Does the Company's SBO credit present any other problem?

228 A. Yes, the current SBO tariffs, which Ameren seeks to keep, are incomplete.

229 The tariffs contain language indicating they apply to residential users.  
230 However, they do not contain any proposed credits for these customers. It is  
231 not clear whether this is a conscious decision on Ameren's part or an  
232 oversight. Nevertheless, this deficiency alone is reason enough to revise  
233 Ameren's current SBO tariffs.

234

235 Q. Have you developed an alternative method of calculating the SBO credit

236 A. Yes.

237

238 Q. Is it consistent with the Commission's costing principles for unbundling  
239 delivery services?

240 A. Yes. My approach meets the Commission's objectives by (1) reflecting  
241 embedded cost principles and (2) being consistent with the approach  
242 adopted for unbundling meters in Docket No. 99-0013.

243

244 Q. Please provide an overview of your calculation of the SBO credit.

245 A. My calculation begins with the Company's delivery services revenue  
246 requirement broken down by FERC account. I allocate each account to the  
247 SBO using the same cost causation principles as the Company has used to  
248 allocate total system costs to delivery services and to allocate delivery  
249 services to unbundled metering services. The derivation of my proposed  
250 allocators for AmerenCIPS and AmerenUE is presented in Schedule 2.

251

252 Q. How did you allocate the billing and collecting costs in FERC account 903 to  
253 the SBO?

254 A. I allocated those costs by seeking to identify the Account 903 costs that are  
255 associated with SBO activities. I identified two general categories of SBO  
256 costs, (1) labor and (2) non-labor. My source for the non-labor costs was  
257 Ameren Exhibit 29.1 in Docket No. 99-0121 which sought to identify the  
258 embedded costs associated with SBO activities. That exhibit identifies SBO  
259 non-labor costs of \$2,116,554 for AmerenCIPS and \$373,509 for  
260 AmerenUE (Illinois).

261  
262 The next step entailed identifying SBO labor costs for AmerenCIPS and  
263 AmerenUE. That was determined by an evidence-gathering visit to  
264 Ameren's St. Louis headquarters on March 28, 2001. During that visit, Staff  
265 and the Company observed the activities of individuals associated with SBO  
266 activities and based on those observations the Company determined that a  
267 total of \$350,522 and \$66,706 in annual labor costs at AmerenCIPS and  
268 AmerenUE, respectively, are associated with SBO-related activities (see  
269 Schedule 3).

270

271 Q. What was the next step in the process?

272 A. The next step was to allocate remaining Customer Accounts expenses  
273 (FERC Accounts 901-905) to the SBO. First, I did not assign any costs in  
274 Account 902, Meter reading Expense, to the SBO since the account relates

275 to the meter function. Account 904, Uncollectibles, was allocated on a  
276 revenue requirement basis to the SBO in the same way that total system  
277 costs were allocated to the delivery services function and delivery services  
278 were allocated to unbundled metering.

279  
280 Accounts 901, Supervision, and 905, Miscellaneous Customer Accounts  
281 expenses, consist of general and miscellaneous expenses that are shaped  
282 by the discrete accounts to which they related. Therefore, I have allocated  
283 these two accounts according to the overall allocation of Accounts 902-903  
284 to the SBO. This approach to Accounts 901 and 905 is consistent with the  
285 treatment of these accounts in the allocation of total costs to the delivery  
286 services function and of delivery services to unbundled metering.

287

288 Q. How have you allocated General Plant and Administrative and General  
289 expenses to the SBO?

290 A. I have again adopted a methodology that is consistent with both the  
291 allocation to delivery services and to unbundled metering. That approach  
292 allocates these costs according to the SBO's share of overall delivery  
293 services labor costs.

294

295 Q. What SBO allocations result from this approach?

296 A. The allocations for AmerenCIPS and AmerenUE, as presented in Schedule  
297 4, are \$3.35 million and \$562,000, respectively.

298

299 Q. What is the next step in calculating the SBO?

300 A. The next step is to allocate SBO costs to individual rate classes. I chose an  
301 approach that is consistent with the Company's method of allocating delivery  
302 services costs to rate classes in this proceeding. In other words, I used the  
303 same allocators for SBO costs as the Company used for allocating delivery  
304 services costs to rate classes. The resulting class allocations are presented  
305 in Schedule 5.

306

307 Q. How did you then determine SBO credits?

308 A. I took the total amount of SBO costs allocated to individual rate classes and  
309 divided by the applicable billing determinants to produce the individual SBO  
310 credits presented in Schedule 1.

311

312

313 Q. Does your calculation take into account the additional costs Ameren will incur  
314 in administering the SBO?

315 A. Yes. I have taken those costs into account by including the same offsets as  
316 the Company in my SBO calculation (see Docket No. 99-0121, Ameren Ex.  
317 29.2, p. 2 of 2). A major component of these offsets are EDI costs  
318 associated with the exchange of information and funds between the  
319 Company and SBO providers.

320

321 Q. Do you have any questions concerning these cost offsets?

322 A. Yes, the Company has yet to provide a full explanation of these costs.

323 Consequently, it is difficult to determine at this time whether they are

324 reasonable.

325

326 Q. What course of action do you propose for these cost offsets?

327 A. I propose that the Company provide support for these costs in its rebuttal

328 testimony and, if that support is not sufficient, I will propose that these cost

329 offsets be adjusted accordingly.

330

331 Q. Does this conclude your direct testimony?

332 A. Yes, it does.

**Staff's Proposed SBO Credits  
 (\$ per Month)**

<b>AmerenCIPS</b>	<b>DS-1</b>	<b>DS-2(sec.)</b>	<b>DS-2(pri.)</b>	<b>DS-3(sec.)</b>	<b>DS-3(pri.)</b>	<b>DS-3(HV)</b>	<b>LTG.</b>	<b>SP. Contract</b>
SBO Costs	\$ 0.62	\$ 0.52	\$ 0.37	\$ 15.10	\$ 15.10	\$ 15.10	\$ 0.37	\$ 15.10
EDI Costs	\$ 0.30	\$ 0.30	\$ 0.30	\$ 0.48	\$ 0.48	\$ 0.48	\$ 0.30	\$ 0.48
Credit	\$ 0.32	\$ 0.22	\$ 0.07	\$ 14.62	\$ 14.62	\$ 14.62	\$ 0.07	\$ 14.62

<b>AmerenUE</b>	<b>DS-1</b>	<b>DS-2</b>	<b>DS-3</b>	<b>DS-4</b>	<b>LIGHTING</b>
SBO Costs	0.63	1.04	16.15	16.15	0.40
EDI Costs	\$ 0.30	\$ 0.30	\$ 0.48	\$ 0.48	\$ 0.30
Credit	\$ 0.33	\$ 0.74	\$ 15.67	\$ 15.67	\$ 0.10



Development of Staff Allocators for AmerenCIPS

	Labor	Non-Labor	Total	SBO labor	SBO nonlabor	Other labor	Other nonlabor
Acct 903	4,148	2,565	6,713	351	2,117	3,798	448
			1.00000	0.05222	0.31529	0.56575	0.06674
Acct 902-903			9,118	351	2,117	5,861	790
			1.00000	0.03844	0.23212	0.64276	0.08668
Acct 904			180,713		3,335		177,377
Rev Req (Excl 904)			1.00000		0.01846		0.98154
Labor			29,210	398		28,812	
			1.00000	0.01362		0.98638	

Development of Staff Allocators for AmerenUE

	Labor	Non-Labor	Total	SBO labor	SBO nonlabor	Other labor	other nonlabor
Acct 903	1,448	276	1,725	67	374	1,285	0
			1.00000	0.03867	0.21655	0.74478	-
Acct 902-903			2,483	67	374	1,486	556
			1.00000	0.02687	0.15045	0.59861	0.22407
Acct 904			33,682		560		33,121
Rev Req (Excl 904)			1.00000		0.01663		0.98337
Labor			4,909	71		4,838	
			1.00000	0.01452		0.98548	

*Preliminary*

**SBO BILL CALCULATION - LABOR DATA**

Billing Remittances	FTE Employees	Hourly		Total Annual		% Illinois	Illinois \$	CIPS	Related Sal. + Ovtnd. (85.11%)	%CIPS Electric	CIPS Electric Sal + Ovtnd	UE-III Related Sal. + Ovtnd. (13.92%)	%UE-III Electric	UE-III Electric Sal + Ovtnd
		Salary	+ Overheads	Salary + Overheads	Salary + Overheads									
Envelope-stuffing machine	0.5	28.980	37.77	39,433.97	39,433.97	100%	\$ 39,433.97	\$ 33,950.59	\$ 5,483.21	65.65%	\$ 22,280.90	\$ 5,483.21	77.28%	\$ 4,242.08
Envelope-stuffing machine	2.25	14,827	20.48	96,204.70	96,204.70	100%	\$ 96,204.70	\$ 82,841.87	\$ 13,391.69	65.65%	\$ 54,391.79	\$ 13,391.69	77.28%	\$ 10,349.14
								\$ 76,872.67			\$ 76,872.67			\$ 14,591.21
<b>Initial mail sorting machine</b>	1	12,789	17.92	37,414.04	37,414.04	31.9%	\$ 11,950.68	\$ 10,296.73	\$ 1,693.53	65.65%	\$ 6,755.38	\$ 1,693.53	77.28%	\$ 1,285.56
Envelope opening machine	1	16,691	23.37	48,791.13	48,791.13	100%	\$ 48,791.13	\$ 42,014.04	\$ 6,791.73	65.65%	\$ 27,590.24	\$ 6,791.73	77.28%	\$ 5,248.86
Second pass through envelope reader	2	16,691	23.37	97,582.26	97,582.26	100%	\$ 97,582.26	\$ 84,028.08	\$ 13,583.45	65.65%	\$ 55,168.47	\$ 13,583.45	77.28%	\$ 10,497.33
Manual envelope opening and reading	12	12,788	17.92	448,968.44	448,968.44	31.9%	\$ 143,408.11	\$ 123,489.73	\$ 19,987.41	65.65%	\$ 81,084.62	\$ 19,987.41	77.28%	\$ 15,427.00
Key operators	11	14,827	20.48	470,334.11	470,334.11	31.9%	\$ 150,232.87	\$ 129,363.35	\$ 20,912.39	65.65%	\$ 84,922.24	\$ 20,912.39	77.28%	\$ 16,161.15
Balancing	1	16,691	23.37	48,791.13	48,791.13	31.9%	\$ 15,584.71	\$ 13,423.00	\$ 2,169.39	65.65%	\$ 8,808.59	\$ 2,169.39	77.28%	\$ 1,676.51
Account reconciliation (NSF, encoding)	1	19,107	25.35	52,930.38	52,930.38	31.9%	\$ 18,806.88	\$ 14,559.50	\$ 2,353.43	65.65%	\$ 9,594.97	\$ 2,353.43	77.28%	\$ 1,818.74
	31.75							\$ 14,559.50			\$ 14,559.50			\$ 1,818.74
								\$ 273,849.40			\$ 273,849.40			\$ 66,706.20

Total labor \$350,522.08

Bill Classes	Total Monthly Bills	% of Total	% of bills	% of Class
UE-Mo. Total bills	1,235,928	68.06%		91.01%
UE-Mo. electric	1,124,802	61.84%		8.99%
UE-Mo. gas	111,126	6.12%		
UE-Mo. electric & gas	63,015			
UE-III. Total bills	80,736	4.45%		77.28%
UE-III. electric	82,393	3.44%	10.76%	22.72%
UE-III. gas	18,343	1.01%	3.16%	
UE-III. electric & gas	15,961			
CIPS Total bills	489,320	27.50%		65.65%
CIPS electric	327,760	18.05%	56.51%	34.38%
CIPS gas	171,678	9.45%	29.60%	
CIPS electric & gas	148,357			
CIPS & UE-III Total bills	580,056	31.94%		
CIPS & UE-III electric	360,173	21.49%		83.42%
CIPS & UE-III gas	190,022	10.46%		16.58%
CIPS & UE-III electric & gas	184,318			
Total bills	1,815,984	100.0%		
Electric	1,514,975	83.4%		
Gas	301,149	16.6%		
Electric & gas	277,333			

Note: Combination bills (electric & gas) have been included in both the electric and gas bill counts since Gas bills would continue to be sent by the Company.

Docket No. 00-0802  
Staff Ex. 6  
Schedule 3

AMERENCIPS  
DELIVERY SERVICES COST OF SERVICE ALLOCATION STUDY  
YEAR: 12 MONTHS ENDED DECEMBER 31, 1999

Docket No. 00-0802  
Staff Ex. 6.0  
Schedule 4  
Page 1 of 2

=====	ALLOCATION	CIPS	SBO	Other DS
TITLE: SUMMARY	BASIS	TOTAL		
1	BASE REVENUE	\$181,490	\$3,350	\$178,141
2	OTHER REVENUE	\$0	\$0	\$0
3	OTHER RENTS-IL. ONLY	\$0	\$0	\$0
4	OTHER RENTS - IL. ONLY	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>
5				
6	TOTAL OPERATING REVENUE	\$181,490	\$3,350	\$178,141
7				
8				
9	TOTAL DISTRIBUTION, CUSTOMER, AND A&G EXPENSES	\$80,987	\$3,188	\$77,799
10	TOTAL DEPRECIATION AND AMMORTIZATION EXPENSES	\$35,566	\$79	\$35,487
11	REAL ESTATE AND PROPERTY TAXES	\$12,012	\$8	\$12,004
12	INCOME TAXES	\$18,595	\$17	\$18,578
13	PAYROLL TAXES	<u>\$2,171</u>	<u>\$29</u>	<u>\$2,142</u>
14				
15	TOTAL OPERATING EXPENSES	\$149,330	\$3,321	\$146,010
16				
17	NET OPERATING INCOME	\$32,160	\$28.93	\$32,131.07
18				
19				
20	GROSS PLANT IN SERVICE	\$864,167	\$592	\$863,574
21	RESERVES FOR DEPRECIATION	<u>\$380,686</u>	<u>\$238</u>	<u>\$380,448</u>
22				
23	NET PLANT IN SERVICE	483,480	354	483,126
24				
25				
26	MATERIALS & SUPPLIES - FUEL	\$0	\$0	\$0
27	MATERIALS & SUPPLIES -LOCAL	\$7,635	\$0	\$7,635
28	CASH WORKING CAPITAL	\$4,846	\$0	\$4,846
29	CUSTOMER ADVANCES & DEPOSITS	(\$3,326)	\$0	(\$3,326)
30	ACCUMULATED DEFERRED INCOME TAXES	<u>(\$98,728)</u>	<u>\$0</u>	<u>(\$98,728)</u>
31				
32	TOTAL NET ORIGINAL COST RATE BASE	\$393,908	\$354	\$393,553
33				
34	RATE OF RETURN	8.16%	8.16%	8.16%

AMERENUE  
DELIVERY SERVICES COST OF SERVICE ALLOCATION STUDY  
YEAR: 12 MONTHS ENDED DECEMBER 31, 1999

Docket No. 00-0802  
Staff Ex. 6.0  
Schedule 4  
Page 2 of 2

=====	ALLOCATION	UE	SBO	Other DS
TITLE: SUMMARY	<u>BASIS</u>	<u>TOTAL</u>		
1	BASE REVENUE	\$33,836	\$562	\$33,273
2	OTHER REVENUE	\$0	\$0	\$0
3	OTHER RENTS-IL. ONLY	\$0.000	\$0	\$0
4	OTHER RENTS - IL. ONLY	<u>\$0.000</u>	<u>\$0</u>	<u>\$0</u>
5				
6	TOTAL OPERATING REVENUE	\$33,836	\$562	\$33,273
7				
8				
9	TOTAL DISTRIBUTION, CUSTOMER, AND A&G EXPENSES	\$13,428	\$531	\$12,898
10	TOTAL DEPRECIATION AND AMMORTIZATION EXPENSES	\$6,515	\$11	\$6,504
11	REAL ESTATE AND PROPERTY TAXES	\$3,857	\$3	\$3,854
12	INCOME TAXES	\$4,517	\$6	\$4,511
13	PAYROLL TAXES	<u>\$370</u>	<u>\$5</u>	<u>\$366</u>
14				
15	TOTAL OPERATING EXPENSES	\$28,687	\$555	\$28,132
16				
17	NET OPERATING INCOME	\$5,148	\$7.24	\$5,140.88
18				
19				
20	GROSS PLANT IN SERVICE	\$150,511	\$107	\$150,404
21	RESERVES FOR DEPRECIATION	<u>\$88,139</u>	<u>\$27</u>	<u>\$88,112</u>
22				
23	NET PLANT IN SERVICE	62,372	81	62,291
24				
25				
26	MATERIALS & SUPPLIES - FUEL	\$0	\$0	\$0
27	MATERIALS & SUPPLIES -LOCAL	\$1,135	\$0	\$1,135
28	CASH WORKING CAPITAL	\$464	\$0	\$464
29	CUSTOMER ADVANCES & DEPOSITS	(\$679)	\$0	(\$679)
30	ACCUMULATED DEFERRED INCOME TAXES	<u>(\$11,817)</u>	<u>(\$8)</u>	<u>(\$11,809)</u>
31				
32	TOTAL NET ORIGINAL COST RATE BASE	\$51,476	\$72	\$51,404
33				
34	RATE OF RETURN	10.0010%	10.0010%	10.0010%

AMERENCIPI  
DELIVERY SERVICES COST OF SERVICE ALLOCATION STUDY  
YEAR: 12 MONTHS ENDED DECEMBER 31, 1999

Docket No. 00-0802  
Staff Ex. 6.0  
Schedule 5  
Page 1 of 2

=====	ALLOCATION	SBO	DS-1	DS-2(sec.)	DS-2(pri.)	DS-3(sec.)	DS-3(pri.)	DS-3(HV)	LTG.	SP. Contract
TITLE: SUMMARY	<u>BASIS</u>									
1	BASE REVENUE	\$3,350	\$2,066	\$255	\$0	\$967	\$56	\$3	\$2	\$0
2	OTHER REVENUE	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3	OTHER RENTS-IL. ONLY	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4	OTHER RENTS - IL. ONLY	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>
5										
6	TOTAL OPERATING REVENUE	\$3,350	\$2,066	\$255	\$0	\$967	\$56	\$3	\$2	\$0
7										
8										
9	TOTAL DISTRIBUTION, CUSTOMER, AND A&G EXPENSE	\$3,188	\$1,966	\$243	\$0	\$920	\$53	\$3	\$2	\$0
10	TOTAL DEPRECIATION AND AMMORTIZATION EXPENSE	\$79	\$48	\$6	\$0	\$23	\$1	\$0	\$0	\$0
11	REAL ESTATE AND PROPERTY TAXES	\$8	\$5	\$1	\$0	\$2	\$0	\$0	\$0	\$0
12	INCOME TAXES	\$17	\$10	\$1	\$0	\$5	\$0	\$0	\$0	\$0
13	PAYROLL TAXES	<u>\$29</u>	<u>\$18</u>	<u>\$2</u>	<u>\$0</u>	<u>\$9</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>
14										
15	TOTAL OPERATING EXPENSES	\$3,321	\$2,048	\$253	\$0	\$959	\$55	\$3	\$2	\$0
16										
17	NET OPERATING INCOME	\$29	\$17.80	\$2.21	\$0.00	\$8.39	\$0.48	\$0.03	\$0.02	\$0.00
18										
19										
20	GROSS PLANT IN SERVICE	\$592	\$364	\$45	\$0	\$172	\$10	\$1	\$0	\$0
21	RESERVES FOR DEPRECIATION	<u>\$238</u>	<u>\$146</u>	<u>\$18</u>	<u>\$0</u>	<u>\$69</u>	<u>\$4</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>
22										
23	NET PLANT IN SERVICE	354	218	27	0	103	6	0	0	0
24										
25										
26	MATERIALS & SUPPLIES - FUEL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
27	MATERIALS & SUPPLIES -LOCAL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
28	CASH WORKING CAPITAL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
29	CUSTOMER ADVANCES & DEPOSITS	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
30	ACCUMULATED DEFERRED INCOME TAXES	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>
31										
32	TOTAL NET ORIGINAL COST RATE BASE	\$354	\$218	\$27	\$0	\$103	\$6	\$0	\$0	\$0
33										
34	RATE OF RETURN	8.16%	8.16%	8.16%	8.16%	8.16%	8.16%	8.16%	8.16%	8.16%
35	ACCUMU CUSTOMER CHARGE BILLING UNITS	3,884,580	3,317,340	492,420	1,176	64,032	3,684	216	5,700	12
36	SBO CREDIT PER BILL	0.86	0.62	0.52	0.37	15.10	15.10	15.10	0.37	15.10

AMERENUE  
 DELIVERY SERVICES COST OF SERVICE ALLOCATION STUDY  
 YEAR: 12 MONTHS ENDED DECEMBER 31, 1999

Docket No. 00-0802  
 Staff Ex. 6.0  
 Schedule 5  
 Page 2 of 2

=====	ALLOCATION	SBO	DS-1	DS-2	DS-3	DS-4	DS-4 (HV)	DS-4 (HV-2)	LIGHTING
TITLE: SUMMARY	<u>BASIS</u>								
1	BASE REVENUE	\$562.430	\$410.181	\$86.768	\$52.720	\$11.629	\$0.581	\$0.388	\$0.162
2	OTHER REVENUE	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000
3	OTHER RENTS-IL. ONLY	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000
4	OTHER RENTS - IL. ONLY	<u>\$0.000</u>							
5									
6	TOTAL OPERATING REVENUE	\$562.430	\$410.181	\$86.768	\$52.720	\$11.629	\$0.581	\$0.388	\$0.162
7									
8									
9	TOTAL DISTRIBUTION, CUSTOMER, AND A&G EXPENSES	\$531	\$387	\$82	\$50	\$11	\$1	\$0	\$0
10	TOTAL DEPRECIATION AND AMMORTIZATION EXPENSES	\$11	\$8	\$2	\$1	\$0	\$0	\$0	\$0
11	REAL ESTATE AND PROPERTY TAXES	\$3	\$2	\$0	\$0	\$0	\$0	\$0	\$0
12	INCOME TAXES	\$6	\$5	\$1	\$1	\$0	\$0	\$0	\$0
13	PAYROLL TAXES	<u>\$5</u>	<u>\$3</u>	<u>\$1</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>
14									
15	TOTAL OPERATING EXPENSES	\$555	\$405	\$86	\$52	\$11	\$1	\$0	\$0
16									
17	NET OPERATING INCOME	\$7	\$5	\$1	\$1	\$0	\$0	\$0	\$0
18									
19									
20	GROSS PLANT IN SERVICE	\$107	\$78	\$17	\$10	\$2	\$0	\$0	\$0
21	RESERVES FOR DEPRECIATION	<u>\$27</u>	<u>\$19</u>	<u>\$4</u>	<u>\$2</u>	<u>\$1</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>
22									
23	NET PLANT IN SERVICE	81	59	12	8	2	0	0	0
24									
25									
26	MATERIALS & SUPPLIES - FUEL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
27	MATERIALS & SUPPLIES -LOCAL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
28	CASH WORKING CAPITAL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
29	CUSTOMER ADVANCES & DEPOSITS	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
30	ACCUMULATED DEFERRED INCOME TAXES	<u>(\$8)</u>	<u>(\$6)</u>	<u>(\$1)</u>	<u>(\$1)</u>	<u>(\$0)</u>	<u>(\$0)</u>	<u>(\$0)</u>	<u>(\$0)</u>
31									
32	TOTAL NET ORIGINAL COST RATE BASE	\$72	\$53	\$11	\$7	\$2	\$0	\$0	\$0
33									
34	RATE OF RETURN	10.001%	10.001%	10.001%	10.001%	10.001%	10.001%	10.001%	10.001%
35									
36	CUSTOMER CHARGE BILLING UNITS	738,960	650,688	83,820	3,264	780			408
37									
38	SBO CREDIT PER BILL	0.76	0.63	1.04	16.15	16.15			0.40