

ILLINOIS COMMERCE COMMISSION

DOCKET Nos. 09-0306 - 09-0311 (Cons.)

REBUTTAL TESTIMONY

OF

LEONARD M. JONES

SUBMITTED ON BEHALF

OF

**CENTRAL ILLINOIS LIGHT COMPANY
d/b/a AmerenCILCO**

**CENTRAL ILLINOIS PUBLIC SERVICE COMPANY
d/b/a AmerenCIPS**

**ILLINOIS POWER COMPANY
d/b/a AmerenIP**

(The Ameren Illinois Utilities)

OCTOBER 23, 2009

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The Ameren Illinois Utilities

I. INTRODUCTION

Q. Please state your name and business address.

A. My name is Leonard Jones. My business address is One Ameren Plaza, 1901 Chouteau Avenue, St. Louis, Missouri 63103.

Q. Are you same Leonard M. Jones who previously provided submitted direct testimony in this proceeding?

A. Yes.

II. PURPOSE OF TESTIMONY

Q. What is the purpose of your rebuttal testimony?

A. The purpose of my testimony is to respond to the various proposals, comments or other statements made by Illinois Commerce Commission Staff (“Staff”) and Intervenor witnesses as they relate to cost of service and rate design issues.

Q. Will you be sponsoring any exhibits with your rebuttal testimony?

A. Yes, in addition to my rebuttal testimony I am sponsoring the following exhibits:

22 Ameren Exhibit 40.1
23 Ameren Exhibit 4.02
24 Ameren Exhibit 40.3

25 **III. RESPONSE TO STAFF TESTIMONY**

26 **Q. Have you reviewed Staff witness Mr. Peter Lazare’s testimony?**

27 A. Yes. Mr. Lazare provides comments on several areas of my testimony pertaining
28 to revenue allocation and rate design, including treatment of the proposed Electric
29 Distribution Tax.

30 **Q. Please summarize your positions in response to Mr. Lazare.**

31 A. The Ameren Illinois Utilities (“AIUs”) have reviewed all direct testimony filed in
32 this proceeding by Staff and Intervenors, and have reviewed our filed position in
33 consideration of the points and arguments articulated therein. On behalf of the AIUs, the
34 following positions, conclusions, and arguments are offered for the Illinois Commerce
35 Commission’s (“Commission”) consideration:

- 36 1. The AIUs agree not to pursue recovery of the Distribution Tax through
37 a rider at this time, and adopt Mr. Lazare’s recommendation to recover
38 the cost through kWh charges in Delivery Service (“DS”) rates.
- 39 2. The Commission should use the AIUs rate design and revenue
40 allocation as the starting point for ratemaking in this proceeding.
- 41 3. The DS-3 and DS-4 Rate Limiter value and dollar impacts should be
42 adjusted to reflect the final rates in this proceeding.
- 43 4. Fixture prices among the AIUs lighting classes should be brought closer
44 together.

- 45 5. Rate designs for DS-1 and DS-2, and BGS-1 and BGS-2 should be
46 approved, as recommended by the AIUs and agreed to by Staff.
47 Evidence on a more aggressive elimination of intra-class subsidies, as
48 mentioned by Mr. Lazare, is presented for the Commission's
49 consideration.
- 50 6. The AIUs agree to not pursue combining the Customer and Meter
51 Charges for bill presentation purposes on customer bills.
- 52 7. Adjustments to rates if the revenue requirement allocated to a class
53 differs from that proposed should not employ an across-the-board
54 approach. Instead, the AIUs alternative which addresses subsidy
55 elimination, rate continuity, and bill impacts concerns should be used.

56 **Q. What is Mr. Lazare's recommendation pertaining to the proposed**
57 **Distribution Tax rider?**

58 A. Mr. Lazare opines the AIUs' proposal to recover distribution taxes on a per kWh
59 basis is reasonable and should be accepted, however, he recommends rejecting the
60 proposal to recover these costs using a rider in favor of continued base rate recovery. As
61 I understand the recommendation, distribution taxes would be recovered in base rates
62 through the kWh-based Distribution Delivery Charge from DS-1, DS-2 and DS-5 classes,
63 and a kWh charge would be created and apply to DS-3 and DS-4 classes.

64 **Q. Do you agree with the recommendation?**

65 A. For purposes of this proceeding, the AIUs will accept Staff's recommendation.
66 We do believe there is substantial merit in the rider approach but will not pursue it at this
67 time.

68 **Q. Does Staff witness Ms. Theresa Ebrey also address the distribution tax in her**
69 **testimony?**

70 A. Yes. Ms. Ebrey recommends an adjustment to test year expense in the event the
71 Tax Additions rider was approved. Since the AIUs agree to forgo the modification to the
72 Tax Additions tariff, the adjustment provided in Schedule C to Ms. Ebrey's direct
73 testimony is unnecessary.

74 **Q. Did Mr. Lazare offer recommendations pertaining to the class cost of service**
75 **study and revenue allocation?**

76 A. Yes. Mr. Lazare expressed concerns with the plan to exempt distribution taxes
77 from the revenue allocation constraint. He recommends the Commission adopt a class
78 revenue allocation and a proposal which is different than the AIUs' proposal in two
79 material ways. First, his ECOSS allocates distribution primary lines and substations on a
80 coincident peak ("CP") basis. Second, he also proposes an alternative revenue constraint
81 that applies to all delivery service revenues including distribution taxes for all customer
82 classes, including the DS-5 class. He proposes to limit the increase on current rates to
83 150% of the system average increase approved by the Commission.

84 **Q. How do you respond?**

85 A. First, as discussed by the AIUs' witness Ms. Karen Althoff, the AIUs maintain
86 that substations and primary lines should be allocated based on non-coincident peaks
87 ("NCP"). Thus, the AIUs' class cost of service study submitted in direct testimony
88 should remain the starting point for revenue allocation and rate design. As Mr. Lazare
89 notes, a CP allocation reduces allocated costs to the DS-5 class. Costs taken away from
90 one class must be allocated to another. Under Staff's CP allocation approach, additional

91 costs are allocated to DS-1 for AmerenIP and AmerenCIPS, and the DS-4 class for each
92 of the AIUs.

93 Second, the AIUs revenue allocation approach should be used to establish rates as
94 it establishes more consistent bill impacts among customer classes. In other words, the
95 AIUs' approach provides for relatively moderate differentiation between classes when
96 compared to Staff's approach. (Mr. Lazare's approach has some appeal, but results in
97 more significant total bill impacts to the DS-3 class and widens the gap between DS-3
98 and DS-4 Distribution Delivery Charges).

99 Ameren Exhibit 40.1 shows a frequency distribution of total bill impacts for DS-3
100 and DS-4 customers by supply voltage category under the AIUs and Staff's proposed
101 rates. AmerenIP and AmerenCILCO DS-3 customers take on a greater burden under
102 Staff's proposed rates. For example, 1,359 AmerenIP DS-3 customers served at Primary
103 Supply Voltage are expected to experience total bill increases in the range of 7.5%, and
104 455 customers in the range of 10%, under the AIUs' proposed revenue allocation and rate
105 design. Under Staff's proposed revenue allocation and rate design, only 811 customers
106 are in the 7.5% range, but 835 are in the 10% increase range. Staff's design shifts total
107 bill impacts in the opposite direction for AmerenIP DS-4 customers. Under the AIUs'
108 revenue allocation and rate design, approximately 101 customers supplied at primary
109 voltage are expected to experience total bill increases in the 5% range (versus only two
110 customers in that range for the Staff proposal), while under the Staff proposal, 113
111 customers fall in the 2.5% increase range (versus none under the AIUs' proposal). For
112 AmerenCIPS, Staff's proposal allocates less revenue responsibility to both the DS-3 and
113 DS-4 classes than the AIUs' proposal. As such, customers from both classes experience

114 lower total bill increases under Staff's proposal than the AIUs' proposal. For
115 AmerenCIPS, Staff's proposal results in approximately 150 fewer DS-3 customers
116 supplied at primary voltage in the 7.5% total bill impact range, and an increase of
117 customers in the 5% total bill impact range. For DS-4 primary supplied customers,
118 nearly all of the customers move from an expected total bill increase in the 5% range
119 under the AIUs' proposal to an increase in the range of 2.5% or lower under the Staff
120 proposal.

121 Staff's revenue allocation approach provides marginal relief to the DS-4 class for
122 each AIUs, but contributes to more severe DS-3 total bill impacts for AmerenIP and
123 AmerenCILCO.

124 **Q. What is the gap between DS-3 and DS-4 Distribution Delivery Charges under**
125 **the Staff and the AIUs proposed rates?**

126 A. As shown in the tables below, the gap between the DS-3 and DS-4 \$/kW
127 Distribution Delivery Charges grows under the Staff's revenue allocation and rate design
128 proposal.

AmerenIP							
AIUs and Staff Proposed \$/kW Distribution Delivery Charges							
Supply	DS-3 Proposed		DS-4 Proposed		Difference Between DS-3 and DS-4 Prices		
	AIUs	Staff	AIUs	Staff	AIUs	Staff	Difference
Primary	\$ 7.278	\$ 7.646	\$ 5.597	\$ 4.939	\$ 1.681	\$ 2.707	\$ 1.026
High Voltage	\$ 2.403	\$ 2.525	\$ 1.771	\$ 1.563	\$ 0.632	\$ 0.962	\$ 0.330
+100 kV	\$ 0.162	\$ 0.162	\$ 0.139	\$ 0.123	\$ 0.023	\$ 0.039	\$ 0.016
AmerenCIPS							
AIUs and Staff Proposed \$/kW Distribution Delivery Charges							
Supply	DS-3 Proposed		DS-4 Proposed		Difference Between DS-3 and DS-4 Prices		
	AIUs	Staff	AIUs	Staff	AIUs	Staff	Difference
Primary	\$ 4.706	\$ 4.554	\$ 3.041	\$ 2.497	\$ 1.665	\$ 2.057	\$ 0.392
High Voltage	\$ 2.054	\$ 1.988	\$ 1.375	\$ 1.129	\$ 0.679	\$ 0.859	\$ 0.180
+100 kV	\$ 0.098	\$ 0.095	\$ 0.077	\$ 0.063	\$ 0.021	\$ 0.032	\$ 0.011
AmerenCILCO							
AIUs and Staff Proposed \$/kW Distribution Delivery Charges							
Supply	DS-3 Proposed		DS-4 Proposed		Difference Between DS-3 and DS-4 Prices		
	AIUs	Staff	AIUs	Staff	AIUs	Staff	Difference
Primary	\$ 5.711	\$ 5.982	\$ 3.016	\$ 2.427	\$ 2.695	\$ 3.555	\$ 0.860
High Voltage	\$ 1.643	\$ 1.721	\$ 0.954	\$ 0.768	\$ 0.689	\$ 0.953	\$ 0.264
+100 kV	\$ 0.049	\$ 0.051	\$ 0.033	\$ 0.027	\$ 0.016	\$ 0.025	\$ 0.009

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132 This issue is important when considering that DS-3 customers with larger

133 demands, or DS-4 customers with smaller demands, may reclassify from DS-3 to DS-4

134 and vice versa. The reclassification criteria examine maximum billing demands that

135 occur in the past year, and customers with at least two billing periods of billing demands

136 of 1,000 kW or greater are placed on DS-4. Customers with billing demands less than

137 1,000 kW in at least 11 billing periods will remain on DS-3. A customer reclassifying

138 from DS-4 to DS-3 may experience a rate increase if their demand did not drop by an

139 amount more than the price increase. Some level of difference between the rates is

140 justified due to class cost of service, bill impact, and rate design¹ reasons. However,

141 large differences may encourage inefficient use of the distribution system. A larger DS-3

¹ DS-4 rates contain an unbundled Reactive Demand Charge, and the \$/kW Distribution Delivery Charge is lower than it otherwise would be in the absence of the charge. The DS-3 rate structure does not contain an unbundled Reactive Demand Charge.

142 customer may be encouraged to register two billing periods of 1,000 kW billing demands
143 to qualify for DS-4. Conversely, a small DS-4 customer may be encouraged to maintain
144 at least two billing periods of 1,000 kW demand. Both actions run counter to
145 encouraging the efficient use of the distribution system.

146 The Staff proposal widens the gap between DS-3 and DS-4, increasing the
147 potential for such inefficiency. For example, an AmerenIP primary voltage supplied
148 customer could save approximately \$2.71/kW (excluding the effect of the Reactive
149 Demand Charge) under the Staff proposal by increasing their billing demand to qualify
150 for DS-4. The AIUs proposed DS-3 and DS-4 demand differential is more than \$1/kW
151 less than Staff's, reducing the potential for inefficient use of the distribution system due
152 to DS-3 and DS-4 pricing differences. Both the AIUs and Staff are striving to develop
153 rates that balance between cost of service and bill impacts, and on balance the AIUs'
154 proposal is superior in terms of rate impacts, appropriate price signals, and movement
155 toward cost of service.

156 **Q. With respect to a combined rate design approach for the DS-3 and DS-4**
157 **classes, do you agree with Mr. Lazare's assessments?**

158 A. Not entirely. Mr. Lazare is correct that one class may have a greater contribution
159 to the peak demand than another, thus yielding different costs per kW. This point is
160 acknowledged on the bottom of page 2 of Ameren Exhibit 16.1E.

161 Mr. Lazare incorrectly surmises that the AIUs' "common rate design for the two
162 classes would lump together 150 kW customers served at lower voltage levels with
163 customers 10 MW or higher taking service from transmission lines above 100 kV". (ICC
164 Staff Ex. 7.0, lines 834-839) To the contrary, the AIUs' rate design method carefully

165 groups customers by voltage level such that customers' demands supplied from Primary
166 Voltage are grouped together, as are those from High Voltage and +100 kV groupings.

167 Moreover, Mr. Lazare's critique stops at the class level and does not address rate
168 continuity from the perspective of customers that may be required to reclassify from DS-
169 4 to DS-3, or vice versa. These customers may have similar contributions to peak (and
170 thus similar cost causation implications are applicable), yet would face considerably
171 different pricing. Certainly, some degree of difference may be expected within the
172 ratemaking process. However proper rate design cannot involve developing delivery
173 rates for each individual customer as such a practice would plainly be impractical and
174 administratively burdensome. Moreover, attempting any such practice would run counter
175 to the goal of establishing rates that are sound from a forward looking policy perspective.
176 Such a perspective is mindful of considerations inclusive of promoting efficient use of
177 the distribution system and mitigation of unnecessary cost growth.

178 **Q. Are there other considerations that merit attention?**

179 A. Yes. A sound rate design takes into consideration historical load characteristics of
180 customers and is adaptive to future customer needs and changes in customer consumption
181 in a consistent and non-discriminatory pricing scheme. To do this, customer classes must
182 be established and the interaction between such classifications must be examined. Rate
183 continuity requires consideration be given for the rates applicable to customer classes
184 historically, but also applies to customers that may be required to switch from one class
185 to another (as discussed earlier). When such customer is faced with increased prices by
186 virtue of moving down to DS-3, bill impacts need to be considered for that customer as
187 well. Staff's proposed rate design increases the impacts for customers moving from DS-4

188 to DS-3. Setting rates at cost without a constraint would bring DS-3 and DS-4 \$/kW
189 charges closer together. Staff's proposal moves them even further apart which, in my
190 judgment, should be avoided.

191 **Q. Did Mr. Lazare comment on the proposed method for adjusting the Rate**
192 **Limiters within DS-3 and DS-4?**

193 A. Yes. Mr. Lazare found the AIUs' approach acceptable, where the level of the
194 proposed Rate Limiter should be adjusted to approximately match the level of limiter
195 "revenue" currently provided to customers.

196 **Q. Did Mr. Lazare adjust the level of the Rate Limiter to reflect his proposed**
197 **Distribution Delivery Charges for DS-3 and DS-4?**

198 A. No. A review of Staff Exhibit 7.0, Schedules 3, 4 and 5, show that the Rate
199 Limiter "revenue" and ¢/kWh values were unchanged from those proposed by the AIUs.
200 Mr. Lazare has proposed different Distribution Delivery Charges from those proposed by
201 the AIUs, thus the level of the Rate Limiter should also be adjusted. A comparison of the
202 Rate Limiter revenue amounts under the AIUs and Staff proposed rates are provided
203 below.

	<u>At AIU Proposed Rates</u>		<u>At Staff Proposed Rates</u>	
	<u>¢/kWh</u>	<u>Dollars</u>	<u>¢/kWh</u>	<u>Dollars</u>
AmerenIP	\$ 0.04000	\$ (893,499)	\$ 0.04000	\$ (945,595)
AmerenCIPS	\$ 0.03000	\$ (711,116)	\$ 0.03000	\$ (669,516)
204 AmerenCILCO	\$ 0.03000	\$ (493,644)	\$ 0.03000	\$ (515,984)

205 An increase to the AmerenIP and AmerenCILCO Rate Limiter would be required
206 to keep the total amount of limiter dollars similar to the amount under present rates, and a
207 decrease would be warranted for AmerenCIPS under Staff's proposed rates. In any event,

208 the Rate Limiter dollar amounts and ¢/kWh values should be adjusted as part of the
209 process to develop final rates.

210 **Q. Mr. Lazare recommends an alternative rate proposal for the DS-5 class**
211 **where the Fixture and usage charges are adjusted on an equal percentage basis to**
212 **conform to Staff's allocation of class revenue requirements. Do you agree with this**
213 **proposal?**

214 A. No. Mr. Lazare's approach does not provide sufficient weight to the lighting
215 incremental cost study, ignores the arguments of the Cities from Docket No. 07-0585
216 (Cons.) that Fixture Charges be brought closer together, and does not adequately address
217 the Commission's inquiries about moving Fixture Charges closer together expressed in
218 the prior rate order. I also note that Cities witness Ms. Hughes still favors movement
219 toward uniform Fixture Charges among the AIUs in her direct testimony (Cities Ex. 2.0).

220 Mr. Lazare started with the DS-5 rates proposed by the AIUs in its direct case,
221 and adjusted Fixture and Distribution Delivery Charges (including the distribution tax) by
222 an equal percentage to achieve his revenue requirement target for each of the AIUs DS-5
223 classes. The result is Fixture Charges for AmerenCIPS that are even lower than those in
224 effect today (AmerenCIPS' Fixture Charges are the lowest of the three AIUs).

225 Movement toward uniform Fixture Charges across the AIUs, using the
226 incremental cost study as a guide, makes sense because of outside vendors competing
227 against the AIUs standard fixture offerings. It should be considered that lighting fixtures
228 may be purchased through any third party vendor. Various municipalities own and
229 operate their own lighting systems. A vendor or buyer may view the AIUs pricing unfair
230 when Fixture Prices are so different in Savoy (AmerenCIPS service area) than it is in

231 Champaign (AmerenIP service area), and where these municipalities are nearly adjacent.
232 Movement toward uniform Fixture Charges also makes sense when one considers there is
233 no difference between the AIUs in the incremental costs of providing a fixture.

234 **Q. Can you comment on DS-5 revenue allocation issues?**

235 A. Yes. With respect to the AIUs' revenue allocation proposal for the DS-5 Lighting
236 class, a decrease to AmerenIP's DS-5 class by an amount less than that indicated by the
237 cost of service study was weighed against every other class receiving an increase of more
238 than 20%. Any additional decreases would have necessitated further increases to other
239 classes. Further movement toward cost may occur in AmerenIP's next delivery service
240 rate case. The proposed revenue allocation for AmerenCILCO's DS-5 class is near the
241 cost of service at equalized rate of return value produced by the AIUs' class cost of
242 service study (within 2%). For AmerenCIPS, proposed DS-5 revenue is greater than its
243 embedded cost. Here the AIUs rely on the fact that the incremental cost of lighting
244 fixtures are well above the proposed prices for AmerenCIPS DS-5 service, and the
245 proposed Fixture Charges for AmerenIP and AmerenCILCO remain higher than those for
246 AmerenCIPS. The DS-5 revenue allocation for AmerenCIPS deviates from strict
247 adherence from an embedded cost of service model, and instead relies on the incremental
248 cost of service study and prices for its peer companies to guide revenue allocation.

249 In any event, the AIUs propose an alternative means to adjust lighting rates
250 should an alternative revenue requirement target be desired (discussed later).

251 **Q. Did Mr. Lazare offer other opinions regarding rate design or cost of service**
252 **considerations made by the AIUs?**

253 A. Yes. Mr. Lazare agrees with the approach and designs for DS-1 and DS-2, and the
254 resultant changes to BGS-1 and BGS-2 prices. He also suggests that the Commission
255 may wish to consider a slightly more aggressive stance in removal of the subsidy
256 currently embedded within residential tail block BGS-1 charges for space-heat and/or
257 large winter use. Mr. Lazare suggested that the Commission consider a 13% increase to
258 tail block variable charges (rather than 10%) since BGS prices were decreased by more
259 than 13% in June 2009.

260 **Q. What is the impact on BGS-1 prices if the Commission were to adopt a 13%**
261 **increase to total variable costs (BGS plus DS Distribution Delivery Charges) for use**
262 **over 800 kWh instead of 10%?**

263 A. An increase in the variable cost constraint from 10% to a 13% would add about
264 0.1 cent/kWh to the BGS-1 price for non-summer use over 800 kWh for AmerenCILCO,
265 AmerenCIPS (space-heat), AmerenCIPS-ME, and AmerenIP (space-heat)². For
266 AmerenIP and AmerenCIPS customers not subject to the space-heat provision, the
267 incremental impact to price for use over 800 kWh is about 0.2 ¢/kWh. For AmerenCIPS
268 and AmerenIP, the corresponding decrement to initial block BGS prices is -0.08 ¢/kWh,
269 and -0.06 ¢/kWh for AmerenCILCO.

270 Keep in mind that proposed BGS price changes are revenue neutral to the
271 residential class for each AIUs. An increase to the tail block non-summer energy charge
272 is offset by decreases to the initial block energy charge. An increase in the threshold
273 from 10% to 13% allows the AmerenCIPS price for general use customers for non-

² Tail block price changes are as follows – AmerenCILCO: 0.13 ¢/kWh; AmerenCIPS (space-heat): 0.12 ¢/kWh; AmerenCIPS-ME: 0.08 ¢/kWh; AmerenIP (space-heat): 0.10 ¢/kWh.

274 summer use over 800 kWh to increase to a level greater than the price for the first 800
275 kWh. The adjustment mechanism should be constrained to allow elimination of the
276 declining block price, but not allowed to produce an inverted block price structure. For
277 example, a flat price BGS-1 structure for AmerenCIPS general use customers is achieved
278 with an 11.7% increase to the total variable charges under the AIUs proposed prices
279 presented in direct testimony. This rule should also be followed in the event DS-1
280 Distribution Delivery Charges are reduced below those proposed by the AIUs.

281 Using the AIUs revenue allocation and rate design as the reference point, and
282 raising the non-summer variable charges by 13% (and 11.7% for AmerenCIPS non-space
283 heat) rather than 10%, would reduce annual bills for a non-space heat customer using
284 10,000 kWh per year by about \$4.20 for AmerenIP, \$3.40 for AmerenCIPS and
285 AmerenCIPS-ME, and \$3.25 for AmerenCILCO. For eligible customers that heat their
286 homes using electricity, a customer using 18,000 kWh per year would experience an
287 annual increase of about \$1.50 at AmerenIP, \$3.50 at AmerenCIPS, \$1.00 at
288 AmerenCIPS-ME, and \$4.50 at AmerenCILCO. An eligible space-heat customer using
289 just over 26,000 kWh per year would experience annual increases of about \$7.00 at
290 AmerenIP, \$10.00 at AmerenCIPS, \$5.30 at AmerenCIPS-ME, and \$11.75 at
291 AmerenCILCO. Again, the dollar values reflect the incremental difference between the
292 10% variable cost limit and the 13% variable cost limit, all other factors constant.

293 **Q. Staff witness Lazare also provided bill impacts for the bundled DS-1 and DS-**
294 **2 customers. How do you respond?**

295 A. I have no reason to suggest they are inaccurate.

296 **Q. Mr. Lazare opposes the AIUs proposal to combine the Customer and Meter**
297 **Charges for bill presentment purposes, stating that “it would be premature to step**
298 **back” from the decision to unbundled meter and customer charges on customer bills**
299 **and that doing so “would impede efforts in the future to build the market for**
300 **unbundled metering”. (ICC Staff Ex. 7.0, lines 511-514) How do you respond?**

301 A. There is merit in condensing the Customer and Meter Charges for bill
302 presentation purposes; however, in the interest of narrowing issues in this proceeding, the
303 AIUs will no longer seek this change.

304 **Q. If the revenue requirement is reduced below the level proposed by the AIUs,**
305 **Mr. Lazare recommends an across-the-board (“ATB”) decrease to rate components..**
306 **Is this appropriate?**

307 A. No. A more precise means should be employed.. (In response to data request
308 AIU-ICC 7.05, Mr. Lazare indicated that uniform rate charges would be adjusted by the
309 percentage of the approved total AIUs’ revenue requirement divided by the Company’s
310 proposed total AIUs’ revenue requirement. All remaining charges for each AIUs would
311 be adjusted on an equal percentage basis to produce the revenue requirement approved by
312 the Commission.)

313 Instead of adjusting rates as Mr. Lazare suggests, an alternative that addresses
314 subsidy elimination, rate continuity, and bill impact concerns should be employed. For
315 DS-1 through DS-4, all proposed Customer, Meter, Transformation, and Reactive
316 Demand Charges should be retained at the levels proposed by Staff and the AIUs in
317 direct testimony.

318 For DS-1 and DS-2 classes, only the Distribution Delivery Charges should be
319 adjusted by a uniform percentage value to achieve the target revenue requirement. This
320 approach results in more rapid progress toward eliminating subsidies inherent in BGS-1
321 and BGS-2 rates. Retention of the Customer and Meter Charges proposed by Staff and
322 the AIUs allows the revenue difference to flow to the variable Distribution Delivery
323 Charges. Lower tail block Distribution Delivery Charges will allow for greater increases
324 to tail block BGS rates, and more rapid elimination of inherent subsidies. (An increase to
325 tail block BGS prices will be offset by a decrease to initial block BGS charges, providing
326 a benefit to all customers. Expected total BGS revenue will not change.)

327 A reduced revenue target for DS-3 rates should be accomplished through a
328 uniform percentage reduction to the \$/kW Distribution Delivery Charge for each
329 respective AIUs. Targeting only the \$/kW Distribution Delivery Charge will help reduce
330 the gap between DS-3 and DS-4 Distribution Delivery Charges, which is a rate continuity
331 concern for customers that may be required to switch annually between DS-3 and DS-4.
332 All other charges should be held at the level proposed by Staff and the AIUs.

333 A reduced revenue target for DS-4 should be accomplished by adjusting the new
334 variable Delivery Charge to a level to match the revenue target, but not lower than 1/2 of
335 the average Distribution Tax amount, and then lower the \$/kW Distribution Delivery
336 Charge for each respective AIU if necessary, to achieve the revenue allocation target.
337 Lowering the new ¢/kWh charge first will partially address the concerns of the high kWh
338 usage customers, especially those supplied from +100 kV facilities. Similarly, preserving
339 the proposed \$/kW Distribution Delivery Charge will help reduce the disparity in DS-3
340 and DS-4 \$/kW Distribution Delivery Charges. As for DS-3, all other charges (Customer,

341 Meter, Transformation, and Reactive Demand) should be held at the level proposed by
342 Staff and the AIUs.

343 For DS-3 and DS-4, any change from the \$/kWh Distribution Delivery Charge
344 and Transformation Charge values proposed by the AIUs in direct testimony will require
345 the level of proposed Rate Limiter “revenue” to be recalculated. The ¢/kWh limiter
346 values should also be recalculated to achieve approximately the same level of limiter
347 “revenue” as currently experienced.

348 For DS-5, the AIUs believe movement toward uniform Fixture Charges has merit.
349 Fixture Charges for AmerenIP should be allowed to decrease by a uniform amount to
350 achieve the class revenue requirement target. For AmerenCIPS, the Distribution
351 Delivery Charge should be adjusted downward first, but not less than the amount of the
352 Distribution Tax (\$0.00129/kWh). Fixture Charges are already the lowest of the three
353 AIUs and should be decreased only after the variable Delivery Charge. For
354 AmerenCILCO, the proposed Fixture Charges are near the overall average for the AIUs
355 and near its cost of service. As such, it would be appropriate to adjust both the Fixture
356 and Distribution Delivery Charges by a uniform percentage to achieve the target revenue
357 level for the class. This approach is consistent with general DS-5 rate design suggestions
358 provided by the Cities.

359 **A. Uncollectibles Expenses**

360 **Q. Ms. Ebrey requested in her direct testimony that the AIUs verify that**
361 **uncollectibles for combination customers were allocated between gas and electric**
362 **service based on the relative gas revenue versus electric revenue (ICC Staff Ex. 1.0,**

363 **page 35). How have the AIUs handled the uncollectibles associated with gas and**
364 **electric combination customers in this proceeding?**

365 A. The amount of uncollectibles for combination customers are now automatically
366 split between electric and gas service within the CSS billing system, removing the interim
367 step used in the last rate case to split combination customers between electric and gas
368 business. The current methodology splits each account at the time of write-off and places
369 gas uncollectible revenue with the gas business and electric uncollectible revenue with
370 the electric business. This is a more accurate approach since it properly places the write-
371 off amount with the proper business line without the need for a general allocation.

372 **Q. Has the total amount of uncollectible expense changed from that originally**
373 **proposed by the AIUs?**

374 A. Yes. Mr. Ronald Stafford has updated the total uncollectible expense in his
375 Ameren Exhibit 29.23. Consequently, the uncollectibles adjustment factors should also
376 be updated to reflect the new level of uncollectible expense.

377 **Q. What are the level of the updated uncollectibles adjustment factors and**
378 **corresponding dollar amounts?**

379 A. The updated uncollectibles factors and corresponding dollar amounts are shown in
380 the tables below.

381

**Ameren Illinois Utilities
Proposed Electric Uncollectibles Factors**

	<u>AmerenCILCO</u>	<u>AmerenCIPS</u>	<u>AmerenIP</u>
DS/BGS-1	0.01409	0.01618	0.01732
DS/BGS-2	0.00208	0.00130	0.00159
DS/BGS-3	0.00096	0.00072	0.00114
DS/BGS-4	0.00005	0.00015	0.00066
382 DS/BGS-5	0.00000	0.00000	0.00002

Uncollectible Dollars

	<u>Base Rates</u> <u>Uncollectible</u>	<u>Purchased Power</u> <u>Uncollectible</u>	<u>Total Avg.</u> <u>Uncollectible</u>
AmerenCILCO			
DS/BGS-1	\$921,143	\$1,840,290	\$2,761,433
DS/BGS-2	\$53,215	\$106,314	\$159,529
DS/BGS-3	\$11,301	\$22,577	\$33,878
DS/BGS-4	\$833	\$1,664	\$2,497
DS/BGS-5	\$0	\$0	\$0
Total	\$986,491	\$1,970,845	\$2,957,336
AmerenCIPS			
DS/BGS-1	\$2,054,249	\$3,796,968	\$5,851,217
DS/BGS-2	\$82,228	\$151,986	\$234,214
DS/BGS-3	\$21,434	\$39,617	\$61,051
DS/BGS-4	\$1,432	\$2,647	\$4,079
DS/BGS-5	\$0	\$0	\$0
Total	\$2,159,343	\$3,991,218	\$6,150,561
AmerenIP			
DS/BGS-1	\$4,528,966	\$5,138,077	\$9,667,043
DS/BGS-2	\$188,475	\$213,823	\$402,298
DS/BGS-3	\$55,656	\$63,141	\$118,797
DS/BGS-4	\$13,589	\$15,416	\$29,005
DS/BGS-5	\$280	\$318	\$598
Total	\$4,786,965	\$5,430,775	\$10,217,741

383

384 **B. Various Tariff Changes**

385 **Q. Mr. Philip Rukosuev reviewed several proposed tariff changes, set forth on**
386 **lines 46 through 54 of his direct testimony (ICC Staff Ex. 8.0). Are there any issues**
387 **raised that you would like to address?**

388 **A.** Mr. Rukosuev agrees with most of the proposed changes, so there is no need to
389 further address the agreed upon items. Mr. Rukosuev raises two clarifying
390 recommendations. The first clarifying recommendation pertains to Rider PER, and the
391 second pertains to Rider RDC. The AIUs agree to both tariff suggestions. Specifically,
392 Rider PER, Sheet No. 31.008 should be modified to read as shown at lines 513 – 515 of
393 Mr. Rukosuev’s testimony.

394 “The base Retail Supply Charges resulting from the ICC Order associated with
395 Docket Nos. 09-0306 – 09-0311 (Cons.) shall provide the initial baseline for changes in
396 overall electric charges for any price classification.”

397 Second, regarding Rider RDC, Sheet No. 38.001, the AIUs agree with Mr. Rokosuev that
398 the term “billing demand” should not be capitalized (See ICC Staff Ex. 8.0, lines 547 –
399 564).

400 **C. Standards and Qualifications, and DS-4 Reactive Demand**

401 **Q. Mr. Greg Rockrohr recommends that the AIUs provide language clarifying**
402 **the intent of the application of the DS-4 reactive demand charge within the**
403 **Company’s Standards and Qualifications at lines 529-597 of his direct testimony.**
404 **Have you considered this recommendation?**

405 A. Yes. The AIUs propose the underlined language be added to the Company’s
406 Standards and Qualifications on Sheet 4.002:

407 **“D. Requirements of Customer’s Load**

408 2. Rate DS-1, DS-2, and DS-3 are expected to maintain a power factor in the
409 range of 90% lagging to 90% leading during all periods of normal operation.
410 Customer shall install corrective equipment necessary to meet this requirement
411 on its side of the Company’s or MSP’s meter. Rate DS-4 Customers are
412 expected to maintain a power factor in the range of 95% lagging to 95%
413 leading during all periods of normal operation. DS-4 customers who maintain
414 a power factor in the range of 95% lagging to 95% leading will pay the
415 Reactive Demand Charge specified in the DS-4 tariff. Customers who maintain
416 a power factor outside of the range of 95% lagging to 95% leading will pay the
417 Reactive Demand Charge specified in the DS-4 tariff, and are also subject to
418 charges for the corrective actions listed in the succeeding paragraph.

419 When Customer’s power factor is outside of the specified ranges, the Company
420 may at its sole discretion, after notice is given, install corrective equipment on
421 its side of the meter. Customer will be charged a lump sum amount, in
422 accordance with the Excess Facilities provision of this tariff, for the current
423 cost of such equipment and the cost of any subsequent additions to or
424 replacement of such equipment whenever said future installations occur. Where
425 Company completes the installations of corrective equipment, as described

426 above, for a Customer taking service under Rate DS-4, all Reactive Demand
427 charges associated with the existing power factor condition, where applicable,
428 will be waived.”

429 **IV. RESPONSE TO KROGER COMPANY TESTIMONY**

430 **Q. Did Kroger Company (“Kroger”) offer any testimony in these dockets?**

431 A. Yes. Kroger witness Mr. Kevin Higgins addressed the AIUs’ rate spread and rate
432 design proposals for the DS-3 and DS-4 rate classes. As he did in previous rate cases, Mr.
433 Higgins recommends that the Distribution Delivery Charge for DS-3 and DS-4 customers
434 be approximately equalized, with only a minor difference that recognizes the DS-4
435 reactive power revenues are a credit against the DS-4 Distribution Delivery Charge. In
436 the end Mr. Higgins recommends the Commission take an effort to move these rate
437 schedules closer together over time such that the first step is implemented by moving
438 50% of the differential between the DS-3 and DS-4 Distribution Delivery Charges, again
439 with an adjustment to recognize the DS-4 reactive power revenue.

440 **Q. Do you have any comments regarding Mr. Higgins’ proposal?**

441 A. Yes. I can agree with the principle that DS-3 and DS-4 Distribution Delivery
442 Charges should move closer together (as indicated in the cost of service study), but
443 suggest now is not the time. As discussed above in response to Mr. Lazare, the proposed
444 rate design balances movement toward cost of service and bill impacts. Mr. Higgins’
445 proposal does not measure potential bill impacts for the DS-3 or DS-4 classes.
446 Nevertheless, adoption of the AIUs’ methodology for adjusting prices in the event a
447 lower class revenue target than those originally proposed should bring proposed DS-3
448 and DS-4 charges closer together.

449 V. **RESPONSE TO CITY OF CHAMPAIGN (“CITIES”) TESTIMONY**450 Q. **Did you review the testimony of Cities witness Ms. Nancy Hughes?**

451 A. Yes. Ms. Hughes generally supports the proposed pricing methodology regarding
452 DS-5 lighting rates, as they move toward cost based rates which would equalize class
453 rates of return in each of the Ameren Illinois Utilities. She also supports the movement
454 toward uniform lighting Fixture Charges among the utilities.

455 Q. **Are you in agreement?**

456 A. In part. I agree with the concept of movement toward uniform lighting Fixture
457 Charges among the AIUs. I am concerned about the potentially competing concept of
458 setting DS-5 rates to achieve equalized class rates of return for each of the AIUs.

459 Q. **Why is the concept of uniform Fixture Charges and rates set at an equalized
460 rate of return for each of the AIUs potentially in conflict?**

461 A. As noted by Ms. Hughes, the Fixture Charges for AmerenCIPS are significantly
462 below those for AmerenIP and AmerenCILCO. The proposed method to develop
463 uniform rates requires increases to AmerenCIPS, and decreases for AmerenIP Fixture
464 Charges. Ms. Hughes suggests that as Fixture Charges are brought closer together the
465 DS-5 Distribution Delivery Charge serve as the rate component to move up or down to
466 achieve the target revenue requirement. I am concerned that over time, Fixture Charges
467 for AmerenCIPS will be required to be raised to a level where the Distribution Delivery
468 Charge would have to be near zero (or negative) to achieve the AmerenCIPS DS-5
469 revenue requirement at an equalized rate of return. This would send customers an
470 unreasonable price signal as there would be virtually no correlation between usage and
471 delivery costs incurred, especially for those customers that own their lighting fixtures and

472 do not pay a Fixture Charge. In any event, this is a future concern and one that I do not
473 believe requires further analysis in this case.

474 **Q. Does Ms. Hughes have any other concerns?**

475 A. Yes. She suggests the DS-5 rate class subsidizes the rates for other delivery
476 service classes, and that AmerenIP's lighting fixture charges are significantly higher than
477 the lighting fixture charges of the other two Ameren Illinois Utilities, with no cost
478 justification to support this difference.

479 **Q. Is Ms. Hughes correct that there is no cost justification to support the
480 difference in Fixture Charges?**

481 A. No. Fixture Charges were established to achieve a target revenue requirement at
482 an equalized rate of return for each of the respective AIUs in Dockets Nos. 06-0070
483 (Cons.). These were certainly cost-based rates, although the resulting Fixture Charges
484 were generally lower than those shown in the incremental cost of service study. From an
485 incremental cost perspective, there may be little to no justification for a difference in
486 Fixture Charges. From an embedded cost of service perspective, there is justification for
487 a difference in Fixture Charges.

488 **Q. What recommendations does Ms. Hughes make concerning DS-5 prices?**

489 A. The Cities' witness recommends a cost-based rate, with the Commission requiring
490 the AIUs to file rates in the next rate case that move closer to cost of service with
491 equalized rates of return between rate classes.

492 **Q. Is this agreeable to the AIUs?**

493 A. No. We cannot accept the goal of equalized rates of return for DS-5 for each
494 AIUs; however, the AIUs are willing to commit in its next delivery service rate case to
495 move closer to the equal rates of return for the three DS-5 classes of the AIUs combined.

496 **VI. RESPONSE TO ILLINOIS INDUSTRIAL ENERGY CONSUMERS'**
497 **("IIEC") TESTIMONY**

498 **Q. IIEC witness Mr. Robert Stephens takes issue with the AIUs' electric**
499 **Distribution Tax rider. Mr. Stephens notes that some customers will receive**
500 **significant increases in delivery service costs and, as a result, claims there is an**
501 **undue impact on industrial customers.**

502 A. I will agree with Mr. Stephens' basic premise that proposed delivery service
503 percentage increases may be large. While it may be true that certain DS-4 customers are
504 seeing large percentage increases in their delivery service bill, the increases on a total bill
505 basis are among the lowest of any non-lighting class. Charts summarizing the bill
506 impacts for individual DS-3 and DS-4 customers for each AIU are shown in Ameren
507 Exhibit 40.2. The charts show that for DS-4 customers supplied from lines at +100 kV
508 (see pages 3, 6, and 9), the delivery service increase percentages are large, as indicated by
509 Mr. Stephens. When viewed on a total bill basis, the percentage increases brought into
510 perspective and compare favorably to increases proposed for other classes. Contrasted
511 against customers supplied at primary voltage, the delivery service percentage increases
512 are much lower, but the total bill impacts are greater.

513 Ameren Exhibit 40.3 provides an additional perspective of the impact of proposed
514 rate changes on customers' bills. The chart shows the average cents/kWh estimated to be
515 paid by customers supplied power at Primary, High Voltage, and +100 kV voltages. As

516 shown, customers supplied at Primary Voltage pay about 1¢/kWh for delivery service on
517 average (slightly more for AmerenIP, and less for AmerenCIPS and AmerenCILCO),
518 while High Voltage supplied customers pay about 0.50 ¢/kWh, and customers supplied at
519 +100 kV average around 0.03¢/kWh.

520 **Q. Please continue.**

521 A. To illustrate the impact of delivery service increases on customers at different
522 voltages, assume 30% change to the rates for Primary supplied customers, or roughly a
523 0.3 ¢/kWh change in rates, or a total bill increase on the order of 5%. Conversely, a 30%
524 increase to the +100 kV supplied customer results in an increase in the 0.03 ¢/kWh
525 delivery service rate of about 0.009 ¢/kWh. When the Distribution Tax of approximately
526 0.10 ¢/kWh is added, the resulting percentage increase in delivery service is over 350%,
527 but still about 2-3% on a total bill basis. This phenomenon is shown in Ameren Exhibit
528 40.2.

529 **Q. Mr. Stephens offers that the electric Distribution Tax rider should be**
530 **rejected, in part, because he asserts it is unnecessary, without precedent and**
531 **constitutes bad regulatory policy. Do you agree?**

532 A. No, I do not. There is no disputing this is a cost incurred by the AIUs in
533 providing delivery services. These electric distribution taxes are significant. The AIUs
534 test year expense reflects approximately \$47 million in the form of electric distribution
535 taxes. In my judgment, this is a significant expenditure. The potential volatility is real.
536 Though the General Assembly has yet to do so, it has in its power the ability to modify
537 the distribution tax, in any session. Should this occur between rate cases, the change
538 could have a significant and detrimental impact on the AIUs' authorized rate of return.

539 Furthermore, Mr. Stephens' observation that the rider is without precedence is
540 defenseless. Today, the AIUs' have riders in place to recover certain taxes. Also, today,
541 the AIUs as do virtually every gas and electric utility in the State of Illinois, have riders
542 in place to recover certain costs or expenses.

543 **Q. Please elaborate on Mr. Stephens' claim that the Distribution Tax is not**
544 **based on kWh.**

545 A. Though not an attorney, it is my understanding that electric utilities are assessed
546 the tax based on the kWh delivered to customers. It is sensible for a cost analyst to
547 classify the expense as kWh related, and allocate the expense accordingly. In fact,
548 Commonwealth Edison Company's ("ComEd") embedded cost of service study filed in
549 Docket No. 07-0566 allocated the distribution tax based on the kWh contribution of each
550 class. There were several issues raised with ComEd's cost of service study discussed in
551 the final order, but allocation of the distribution tax was not one of them. The
552 Distribution Tax also appears to have been allocated based on kWh as early as Docket
553 01-0423, an earlier ComEd delivery service proceeding.³

554 **Q. Mr. Stephens recommends that the AIUs modify its Standards and**
555 **Qualifications for Electric Service to allow customers with multiple meters on the**
556 **same or adjacent premises to be billed on a combined basis. Do you agree with Mr.**
557 **Stephens rationale for the need to change the tariffs?**

558 A. No. Mr. Stephens raises two implications pertaining to the current policy. First,
559 he states that the policy creates the need for a larger number of accounts, and as a result

³ See Docket 01-0423, ICC Staff Exhibit 6.0, Schedule 1, pages 1 and 2.

560 provides more Customer Charge revenue. He states the policy also has reduced the
561 impact on the Distribution Delivery Charge of diversity in the separately metered loads of
562 a single customer in a single location. Second (and Mr. Stephens states is more
563 important), the policy has erected a barrier to the development of combined heat and
564 power (“CHP”) installations, in some circumstances. Mr. Stephens cites that customers
565 do not enjoy the benefits of using the output of the CHP plant to reduce the electricity
566 delivered to its load at its process plant. (IIEC Ex. 1.0, page 34)

567 Continuing, Mr. Stephens is correct that the addition of another service point
568 would result in an additional Customer Charge for the customer. Such revenue to the
569 AIUs compensates for the cost incurred to serve the customer. For customers metered at
570 Primary Voltage or greater, a substantial portion of the cost basis for the Customer
571 Charge is for the current and/or potential transformers used to meter the customer. Since
572 metering has been unbundled, the Commission has directed that current and potential
573 transformers associated with metering remain part of the utility’s responsibility (i.e., not
574 be unbundled). Customers are assessed a monthly Customer Charge in lieu of a lump
575 sum payment predominantly to pay for the current and/or potential metering facilities.
576 Thus, the added revenue offsets an added cost.

577 While Mr. Stephens is also correct that the policy of one meter per service point
578 may reduce a possible reduction in the Distribution Delivery Charge for the customer if
579 they were instead allowed to combine all service points for billing purposes, the AIUs
580 tariffs already provide generators with the ability to mitigate their Distribution Delivery
581 Charges. Under the provisions of the Electricity Net Metering Act (P.A. 095-0420), non-
582 residential customers with generators are assessed delivery service charges based on a

583 “gross” method, where the amount of generation is not allowed to serve as an offset to
584 delivery service charges. However, under a Rider QF (Qualifying Facilities) tariff
585 arrangement (rather than Rider NM- Net Metering), a customer with a CHP (or any
586 generation facility) with output that exceeds the load at a service point for the entire
587 month would avoid Distribution Delivery Charges, even though facilities were designed
588 and built to ensure adequate distribution capacity is available to serve the customer in the
589 event their generation facility became unavailable for any period of time. This practice
590 has been in place for the AIUs for several years and pre-dates the establishment of net-
591 metering in Illinois. An expansion of this historic practice to include additional service
592 points is not cost based and ultimately would increase the cost responsibility borne by
593 other customers.

594 **Q. Please address Mr. Stephens’ second point, that customers do not get to**
595 **enjoy the benefits of using the output of its CHP plant to reduce the electricity**
596 **delivered to its load at its process plant that is supplied energy from a third-party**
597 **supplier.**

598 A. Mr. Stephens ignores a customer’s ability to configure its internal electric
599 distribution system to ensure that the output from a generator located on an adjacent site
600 can be used to offset load located behind any of the meters serving its facility.
601 Additionally, current tariff provisions allow customers a reasonable opportunity to
602 achieve the same end that Mr. Stephens advocates. Rider QF provides two compensation
603 options for customers that produce more power than they use: fixed price and variable
604 price compensation. The compensation prices for the fixed price compensation method
605 are set annually based on market forward prices observed in the late spring, and become

606 effective in mid-August. The second compensation method pays customers for hourly
607 kWh output to the AIUs' system at the hourly locational marginal prices for each of the
608 AIUs. Both compensation methods reflect a fair market value for the QF output. If the
609 customer takes Rider HSS (Hourly Supply Service) from the AIUs and the customer
610 elected the variable compensation method, the payments for the QF output would nearly
611 offset Rider HSS charges. Presumably a Retail Electric Supplier could also offer a
612 version of hourly supply service as well. Customers unhappy with the Rider QF options
613 may also take their power output directly to MISO and register their generator as a
614 resource. In summary, customers have both physical and financial options today to
615 effectively reduce their electricity costs using their CHP facility.

616 **Q. Have you proposed any modifications to the Standards and Qualifications**
617 **for Electric Service to address Mr. Stephens' concerns?**

618 A. No. Mr. Stephens has not provided any evidence that rates have deterred any
619 actual or planned CHP development. The alleged deterrents, if true, would apply to any
620 customer seeking to install distributed generation. The AIUs have seen several
621 distributed generation facilities added recently, including a substantial CHP unit operated
622 by a customer with several service points and meters associated with those service points.
623 The AIUs are fully cognizant of their role as independent distribution companies, are
624 neutral with regard to a customer's choice to elect to self-supply energy, and committed
625 to progressive policies that facilitate co-generation projects. However, it is important that
626 AIUs' tariff provisions related to metering and co-generation are tailored to comply with
627 applicable laws and regulations as well as to avoid unnecessary subsidization from other
628 customer classes. The current policy of allowing one meter per service point (except for

629 any pre-existing locations) more closely aligns distribution service cost recovery from
630 those who cause the cost. Measurement of energy on a per service point basis is a
631 foundational step to associating energy consumption costs with the facilities and
632 customers behind the delivery point. It should also be noted that customers can configure
633 their internal electric distribution systems to provide the benefits Mr. Stephens seeks.
634 Finally, as noted above the customer is free to choose from several supply and generation
635 output compensation methods that would allow customers to closely match (or offset)
636 their contractual purchases for load required to serve other service points that do not have
637 the CHP or distributed generation facility directly behind the meter.

638 **Q. Did you review the testimony of IIEC witness David L. Stowe?**

639 A. Yes. Mr. Stowe addresses the electric embedded cost of service studies. He
640 recommends specific improvements that he asserts will make them more useful in
641 determining rates. Specifically Mr. Stowe claims the costs of station equipment that
642 operates at 34.5 kV and 69 kV have been erroneously allocated to customers operating at
643 +100 kV voltage category. He offers this allocation is illogical and a significant
644 departure from previous allocations. Mr. Stowe also asserts the allocation somehow
645 contradicts my direct testimony.

646 **Q. Does Mr. Stowe's claim have merit?**

647 A. No. Mr. Stowe misunderstands the general rate structure employed by the AIUs.
648 The Distribution Delivery Charge is assessed based on a Customer's supply line voltage,
649 which is the voltage prior to final transformation. Customers may take delivery of power
650 at lower voltages after the supply voltage is transformed to lower voltages using the AIUs
651 substation or transformer equipment. Customers typically pay for this service through

652 the Transformation Charge, a rental agreement, or an excess facilities charge. Since
653 customers supplied service at higher voltages are commonly delivered power at lower
654 voltages, it is appropriate to allocate the cost of facilities required to convert voltage from
655 supply to delivery, as was done by Ms. Karen Althoff.

656 **VII. RESPONSE TO GRAIN & FEED ASSOCIATION OF ILLINOIS (“GFAI”)**

657 **TESTIMONY**

658 **Q. Have you reviewed the direct testimony of GFAI witness Mr. Jeff Adkisson?**

659 A. Yes. Mr. Adkisson proposes to limit the increase to the ¢/kWh Rate Limiter by
660 the same level as the class average increase. He also advocates pricing the DS-3 and DS-
661 4 Distribution Delivery Charges using a seasonally differentiated \$/kW demand charge.

662 **Q. How do you reply?**

663 A. The adjustment to the Rate Limiter should proceed as proposed by the AIUs in
664 direct testimony, and agreed to by Staff. Specifically, the proposed ¢/kWh Rate Limiter
665 values should be set at a level that approximately retains the existing dollar amount of the
666 Rate Limiter revenue subsidy. An adjustment to the Rate Limiter by an amount only
667 equal to the class average increase would not allow for the eventual reduction or
668 elimination of the provision, but instead would further increase the subsidy provided to
669 eligible customers. Increasing the Rate Limiter by only 21.8%, 19.5%, and 23.5% for
670 AmerenIP, AmerenCIPS, and AmerenCILCO would produce ¢/kWh Rate Limiter values
671 of 3.183 ¢/kWh, 2.656 ¢/kWh, and 2.412 ¢/kWh for each of the AIUs, respectively. At
672 those levels, the dollar amount of the rate limiter shifted to other customers would
673 increase to \$1,069,327 for AmerenIP, \$807,544 for AmerenCIPS, and \$576,577 for

674 AmerenCILCO⁴ placing greater upward pressure on the DS-3 \$/kW Distribution Delivery
675 Charge⁵.

676 Further, as Mr. Adkisson appropriately points out, transformers for DS-3 and DS-
677 4 customers are often sized to serve only one customer, for which the costs are recovered
678 via a Transformation Capacity Charge. (GFA Exhibit 1.0E, lines 73-74). The
679 Transformation Capacity Charge is included within the determination of the Rate Limiter
680 applicable to a customer. If the Transformation Charge were removed from the Rate
681 Limiter determination, and the ¢/kWh limiter values were set as recommended by Mr.
682 Adkisson, the amount of revenue limited under the provision would decrease to
683 approximately \$726,000 for AmerenIP, \$468,000 for AmerenCIPS, and \$362,000 for
684 AmerenCILCO, or over \$930,000 less than when the Transformation Charge is included
685 within the Rate Limiter determination. If the Commission were to adopt Mr. Adkisson's
686 proposal to hold the ¢/kWh Rate Limiter values to the average class increase level, the
687 Transformation Charge should be removed from the determination of the Rate Limiter to
688 remove the direct subsidy. In any event, the AIUs support no change to the Rate Limiter
689 determination other than to increase the ¢/kWh limiter values to a level that
690 approximately matches the level of rate limiter revenue under present rates.

691 **Q. Do you have any further comments regarding the Rate Limiter?**

692 A. Yes. I note that use of the AIUs' proposed revenue allocation and rate design will
693 result in relatively lower Rate Limiter values for AmerenIP and AmerenCILCO

⁴ This is in contrast to the total limiter revenue under the AIU proposal equal to \$893,499 for AmerenIP, \$711,116 for AmerenCIPS, and \$493,644 for AmerenCILCO as noted earlier in response to Mr. Lazare and in Ameren Exhibit 16.0E (Revised), page 42.

⁵ Approximately 95% of the total Rate Limiter revenue amount is due to the DS-3 rate class. See Ameren Exhibit 16.14E or Part 285 Schedule E-5 for rate limiter dollar amounts by class.

694 compared to Staff's proposal. Also, the AIUs proposed method for adjusting rates in the
695 event that a revenue requirement less than that initially proposed will help reduce the
696 impact on DS-3 customers affected by the Rate Limiter since it will channel all revenue
697 adjustments into the Distribution Delivery Charge, which will in turn reduce the need to
698 raise the Rate Limiter.

699 **Q. Should the AIUs change the Distribution Delivery Charges to vary prices by**
700 **season?**

701 A. No. Substations and primary lines are designed to serve the maximum demand
702 expected on the facilities, regardless of the season. As discussed in my rebuttal and
703 surrebuttal testimony ICC Docket No. 07-0585 (cons.), circuits serving customers with
704 large grain drying loads can and do peak in the fall season. To provide this subclass with
705 a lower rate in the non-summer season would send an incorrect price signal to these
706 customers. Instead, a cost-based seasonal rate for this subclass would likely have greater
707 demand charges in the fall to encourage customers to be as efficient as possible in
708 managing their peak demands, since it is their demands that contribute the most to the
709 need for substation and primary line capacity.

710 **VIII. CONCLUSION**

711 Q. Does this conclude your rebuttal testimony?

712 A. Yes, it does.