

REBUTTAL TESTIMONY  
OF  
JENNIFER L. HINMAN  
ECONOMIC ANALYST  
POLICY DIVISION  
ILLINOIS COMMERCE COMMISSION

EVALUATION OF MIDAMERICAN ENERGY COMPANY ENERGY EFFICIENCY PROGRAMS.

MIDAMERICAN ENERGY COMPANY

DOCKET No. 12-0132

JULY 27, 2012

**TABLE OF CONTENTS**

**I. INTRODUCTION..... 1**

A. WITNESS IDENTIFICATION ..... 1

B. SUBJECT MATTER..... 1

C. PURPOSE OF TESTIMONY ..... 2

**II. RESPONSES TO MIDAMERICAN’S REBUTTAL TESTIMONY..... 2**

A. RECOMMENDATION ALTERNATIVE (1) ..... 3

B. RECOMMENDATION ALTERNATIVE (2) ..... 5

C. RECOMMENDATION ALTERNATIVE (3) ..... 11

**III. SUMMARY OF RECOMMENDATIONS..... 14**

**ATTACHMENTS**

ICC STAFF EXHIBIT 2.1 – MIDAMERICAN’S DRR-STAFF JLH 1.04 REVISED, 1.05, AND 2.03.

ICC STAFF EXHIBIT 2.2 – MIDAMERICAN’S DRR-STAFF JLH 1.07 AND 1.07 ATTACHMENT A,

MIDAMERICAN’S 2008-2011 COST-EFFECTIVENESS ANALYSIS.

1 **I. INTRODUCTION**

2 **A. WITNESS IDENTIFICATION**

3 **Q. Please state your name.**

4 A. My name is Jennifer L. Hinman.

5 **Q. Are you the same Jennifer L. Hinman who previously submitted direct**  
6 **testimony in this docket?**

7 A. Yes. My testimony is contained in ICC Staff Ex. 1.0.

8 **B. SUBJECT MATTER**

9 **Q. What is the subject matter of this proceeding?**

10 A. This proceeding was initiated by the Illinois Commerce Commission (“ICC” or  
11 “Commission”) pursuant to Section 8-408(d) of the Illinois Public Utilities Act (“Act”  
12 (220 ILCS 5/8-408(d)), to make a determination regarding the performance of  
13 MidAmerican Energy Company’s (“MidAmerican” or “MEC” or “Company”) Illinois  
14 energy efficiency (“EE”) programs, and whether such programs should continue  
15 beyond calendar year 2012. Section 8-408(d) of the Act provides that:

16 A public utility that offers approved energy efficiency programs in  
17 the State may do so through at least December 31, 2012. The  
18 Commission shall monitor the performance of the energy efficiency  
19 programs and, on or before October 31, 2012, the Commission  
20 shall make a determination regarding whether the programs should  
21 be continued beyond calendar year 2012. The Commission shall  
22 also file a written report with the General Assembly explaining the  
23 basis for that determination and detailing the results of the energy  
24 efficiency programs, including energy savings, participation  
25 numbers, and costs.

26 220 ILCS 5/8-408(d).

27 **C. PURPOSE OF TESTIMONY**

28 **Q. What is the purpose of your rebuttal testimony?**

29 A. The purpose of my rebuttal testimony is to respond to several issues addressed in  
30 the rebuttal testimony of MidAmerican witness Diane C. Munns (MEC Ex. 3.0).

31 **Q. Do you address every issue raised by MidAmerican in its testimony?**

32 A. No. My silence on an issue or failure to address any statement or position offered  
33 by MidAmerican in this proceeding should not be construed as either an  
34 endorsement or a criticism of that statement or position.

35 **Q. Are you attaching any exhibits to your rebuttal testimony?**

36 A. Yes. ICC Staff Ex. 2.1 contains MidAmerican's Data Request Response to Staff  
37 Data Request<sup>1</sup> ("DR") JLH 1.04 Revised, 1.05, and 2.03.

38 ICC Staff Ex. 2.2 contains MEC's DRR-Staff JLH 1.07 and 1.07 Attachment  
39 A, which is MidAmerican's 2008-2011 cost-effectiveness analysis.

40 **II. RESPONSES TO MIDAMERICAN'S REBUTTAL TESTIMONY**

41 **Q. Do you provide recommendations in your direct testimony, ICC Staff Ex. 1.0,  
42 regarding MidAmerican's energy efficiency programs?**

43 A. Yes. I provide three different sets of alternative recommendations, each set based  
44 on a different interpretation of the statute.

45 **Q. Do you still support your three alternative recommendations from your direct  
46 testimony?**

---

<sup>1</sup> ("MidAmerican's DRR-Staff").

47 A. Yes, subject to the modifications discussed herein and summarized in the last  
48 section of this rebuttal testimony.

49 **A. RECOMMENDATION ALTERNATIVE (1)**

50 **Q. Please summarize the first recommendation described in your direct**  
51 **testimony, ICC Staff Ex. 1.0, regarding MidAmerican's energy efficiency**  
52 **programs.**

53 A. If the Commission accepts MEC's position that Section 8-408 requires acceptance  
54 of all Iowa Utilities Board ("IUB")-approved programs on a going-forward basis, or  
55 no programs at all, then I recommend the Commission direct MEC to discontinue  
56 its EE programs offered under Section 8-408 of the Act. The past four years have  
57 demonstrated that a program found to be cost-effective in Iowa is not necessarily  
58 cost-effective for MEC's Illinois customers. Therefore, if the Commission  
59 determines that subsection (a) is the only EE plan approval provision that may be  
60 used under Section 8-408 of the Act, instead of subsection (d) upon which this  
61 proceeding was initiated, then to protect the interests of Illinois ratepayers, the  
62 Commission should discontinue MEC's EE programs offered under Section 8-408  
63 of the Act. ICC Staff Ex. 1.0 at 3, 11-13.

64 **Q. Does MidAmerican agree with your first recommendation described above?**

65 A. No. The Company does not believe it is reasonable to cancel all of MidAmerican's  
66 energy efficiency programs despite the fact that some components of the energy  
67 efficiency portfolio are not cost-effective. The Company appears to believe that  
68 because the portfolio as a whole has been cost-effective historically, that it is

69 reasonable that all programs be continued in Illinois; regardless of whether they are  
70 cost-effective for Illinois customers. Specifically, MidAmerican witness Munns  
71 states:

72 It is clear that MidAmerican's energy efficiency programs, taken as  
73 a whole, have provided significant economic benefits to its Illinois  
74 customers under any reasonable cost-effectiveness test and  
75 definition of net savings. Under the least favorable estimate of net  
76 savings provided in direct testimony, MidAmerican estimates that  
77 these programs have provided \$3,900,134 in net economic benefits  
78 to its Illinois customers from 200[9] (*sic*) to 2011. The evidence  
79 suggests, and Staff does not contend otherwise, that  
80 MidAmerican's programs taken as a whole will continue to provide  
81 net economic benefits to Illinois customers in the future. In light of  
82 that fact, Staff's recommendation that the programs should be  
83 discontinued is short-sighted. Staff appears to argue that if  
84 MidAmerican's energy efficiency programs contain any elements  
85 that are not cost effective, then it is reasonable to deny all  
86 opportunities for savings to Illinois customers.

87 MEC Ex. 3.0 at 3-4. MidAmerican witness Munns also states:

88 MidAmerican does not believe it is reasonable to cancel  
89 MidAmerican's entire energy efficiency program because some  
90 components of that portfolio are not cost-effective. Section 8-408  
91 allows MidAmerican to provide energy efficiency programs to its  
92 customers in the Illinois Quad Cities that are consistent with those it  
93 offers in the Iowa Quad Cities. It is certainly possible that this  
94 consistency could result in some elements of the programs not  
95 being cost-effective in Illinois. That fact, however, does not justify  
96 discontinuing MidAmerican's Illinois energy efficiency programs. If  
97 the correct legal interpretation of Section 8-408 is an "all or nothing"  
98 interpretation, it is clear that the "all" approach has historically  
99 produced benefits (\$3,900,134 net savings) to Illinois customers,  
100 while the "nothing" approach (\$0 net savings) would offer no future  
101 benefits to Illinois customers. Therefore, it is reasonable that the  
102 programs should be continued in Illinois.

103 MEC Ex. 3.0 at 4.

104 **Q. If the Commission adopts your first recommendation that the Commission**  
105 **should discontinue MEC's EE programs offered under Section 8-408 of the**

106 **Act, does this mean that MEC would be precluded from offering EE programs**  
107 **in Illinois?**

108 A. No. It is my understanding that MEC is not restricted to providing EE programs  
109 exclusively under Section 8-408 of the Act. Illinois utilities are currently operating  
110 EE programs under specific energy efficiency legislation (220 ILCS 5/8-103 and  
111 104); however, several utilities initiated these EE programs before they were  
112 legislatively mandated to do so. See, Northern Illinois Gas Company, Docket No.  
113 08-0363, Final Order at 156-159, March 25, 2009; Ameren Illinois Company,  
114 Docket No. 08-0108, Final Order, October 15, 2008; North Shore Gas  
115 Company/Peoples Gas Light and Coke Company, Docket Nos. 07-0241/07-0242  
116 (Cons.), Final Order at 183-184, February 5, 2008. Thus, MEC's statement that  
117 Staff is attempting to deny all opportunities for energy savings to the Company's  
118 Illinois customers is misplaced. If the Commission adopts my first  
119 recommendation, then it would be at MEC's discretion as to whether it wants to  
120 request Commission approval of EE programs outside of the terms of Section 8-  
121 408 of the Act, in order for its customers to receive the future benefits cited by MEC  
122 witness Munns. MEC Ex. 3.0 at 4.

123 **B. RECOMMENDATION ALTERNATIVE (2)**

124 **Q. Please summarize your second recommendation described in your direct**  
125 **testimony regarding MidAmerican's energy efficiency programs.**

126 A. If Section 8-408(d) of the Act provides the Commission the ability to grant an  
127 extension limited to one year to allow the General Assembly to consider the  
128 Commission's report issued pursuant to Section 8-408(d), then I recommend that

129 the Commission permit an extension of some of MEC's EE programs until the end  
130 of 2013, based on the individual merits of each program. To aid the Commission in  
131 evaluating whether to permit MEC to continue individual programs, MEC should  
132 provide the projected level of cost-effectiveness for each EE program and measure  
133 that it proposes to offer Illinois customers in 2013 in its rebuttal testimony. ICC  
134 Staff Ex. 1.0 at 3, 13.

135 **Q. Does MidAmerican agree with your second recommendation described**  
136 **above?**

137 A. No. MidAmerican provides no projections of cost-effectiveness for the programs  
138 and measures it proposes the Commission approve for implementation in 2013. In  
139 particular, MEC proposes the Commission approve programs for 2013 estimated to  
140 have annual bill impacts for each customer of \$14.74 (Residential Electric), \$18.87  
141 (Residential Gas), \$181.28 (Nonresidential Electric), and \$91.09 (Nonresidential  
142 Gas). MEC Ex. 4.2 at 1-2. Surprisingly, MidAmerican appears to believe that it is  
143 not reasonable to make decisions on the inclusion or exclusion of measures and  
144 programs when requesting the pilot EE programs be extended for a 6<sup>th</sup> year. MEC  
145 Ex. 3.0 at 5. Specifically, MidAmerican witness Munns states:

146 MidAmerican has already demonstrated that the current energy  
147 efficiency portfolio it offers to Illinois customers is cost-effective  
148 both over the 2008-2011 period in total and in every single year.  
149 There is no reason to believe that its current portfolio will not  
150 continue to be cost effective in 2012 and 2013. Given that  
151 MidAmerican is only suggesting extension of its approved programs  
152 through 2013, MidAmerican does not believe it is reasonable to  
153 conduct a hurried re-evaluation of its programs in this proceeding  
154 for a single year. Furthermore, the current programs were approved  
155 by both the IUB and the Commission, and a one year extension is  
156 consistent with Section 8-408 of the Act. Consequently,

157 MidAmerican does not believe it is necessary or reasonable to  
158 develop the information requested for the transition year.  
159 MidAmerican witness Charles Rea provides 2013 energy efficiency  
160 program budget information and customer bill impacts related to the  
161 proposed extension in his rebuttal testimony for the Commission's  
162 consideration.

163 MEC Ex. 3.0 at 5-6.

164 **Q. What is your response?**

165 A. MEC received ICC approval pursuant to Section 8-408(a) of the Act to implement  
166 pilot EE programs for a period of five years, through at least December 2012 as  
167 specified in the legislation. 220 ILCS 5/8-408; Docket Nos. 08-0107/08-0108  
168 (Consol.), Final Order, May 21, 2008. In this proceeding, MEC now requests that  
169 the Commission extend the pilot period to six years for all existing programs, which  
170 includes some existing programs that MidAmerican's experience has shown are not  
171 cost-effective for Illinois customers. In response to my request for the Company to  
172 provide projected levels of cost-effectiveness for the EE measures and programs it  
173 requests additional ratepayer funding for in this proceeding, the Company has  
174 repeatedly declined to provide any projections. MEC Ex. 3.0 at 5-6; ICC Staff Ex.  
175 2.1 at 1-2, 4.

176 The cost-ineffective EE programs are highlighted in my direct testimony and  
177 are reproduced in Table 1 below. ICC Staff Ex. 1.0 at 10. No evidence has been  
178 presented in this proceeding to show that these cost-ineffective programs will  
179 become cost-effective during 2013. It is certainly reasonable for the Commission to  
180 decide that a program providing negative net benefits to Illinois ratepayers should  
181 not be extended for a sixth year at Illinois ratepayers' expense.

**Table 1. 2008-2011 Societal Cost Test Statistics Compared with Plan Filing**

Program	Plan Filing Societal Test MEC Ex. 3.4 Iowa EEP-03-1	2008-2011 Societal Test Gross Ex-Ante Illinois	2008-2011 Societal Test Net Ex-Post Illinois
Residential Equipment	1.67	0.99	0.90
Residential Audit	1.67	2.21	2.04
Residential New Construction	1.71	0.85	0.69
Nonresidential Equipment	3.48	1.94	1.97
Nonresidential Custom	1.64	2.43	1.93
Small Commercial Energy Audit	4.83	1.15	1.19
Nonresidential Energy Analysis	1.09	1.61	1.80
Commercial New Construction	2.66	1.12	0.86
Low Income - Residential	1.23	2.59	2.67

Sources: Docket Nos. 08-0107/08-0108 (Consol.), MEC Ex. 3.4; ICC Staff Ex. 2.2.

182

183

184

185

186

187

188

189

190

191

192

193

194

In rebuttal testimony, MidAmerican witness Munns states, “There is no reason to believe that its current portfolio will not continue to be cost effective in 2012 and 2013.” MEC Ex. 3.0 at 5. Similarly, there is no reason to believe programs shown to be cost-ineffective in years past will not continue to be cost-ineffective in 2013. Therefore, I recommend the Commission decline to approve continuation of the Residential Equipment and Residential New Construction programs for 2013, as both of these programs have provided negative net benefits to Illinois customers. There is no evidence in this proceeding that demonstrates these programs will improve in 2013 and provide net benefits to Illinois customers. Using the information provided in MEC Ex. 2.1, the net benefits to Illinois customers increase from \$3.9 million to approximately \$5.3 million once these two cost-ineffective programs are excluded from the portfolio, as shown in Table 2 below.<sup>2</sup>

<sup>2</sup> Please note that because the Company provided no cost-effectiveness projections for the proposed portfolio, Staff was forced to work with MEC’s past cost-effectiveness evaluations of its portfolio. Thus, Staff was required to make a number of assumptions in producing the estimated increase in net

**Table 2. 2009-2011 Illinois Total Resource Cost Test (“TRC”) Net Ex-Post based on MEC Ex. 2.1**

	TRC Ratio	Net Benefits	Benefits	Costs
Portfolio	1.23	\$ 3,900,134	\$ 20,636,673	\$ 16,736,539
<b>Modified Portfolio*</b>	1.42	<b>\$ 5,267,302</b>	\$ 17,708,449	\$ 12,441,147

\*Excludes costs and benefits associated with the Residential Equipment and New Construction programs.

195

196

Based in part on information filed in this docket (MEC Exs. 2.1-2.2, 4.0-4.2),

197

if the Commission adopts either my second or third alternative recommendation, I

198

recommend that the Commission extend some of the proposed programs (subject

199

to certain modifications) that are currently offered in Illinois until the end of 2013;

200

except for the two programs that have provided negative net benefits to Illinois

201

customers over the 2008-2011 timeframe. Specifically, I recommend that the

202

Commission decline to extend the Residential Equipment and New Construction

203

programs beyond 2012, and order MEC to incorporate certain program

204

modifications, as described further below.

205

**Q. Please describe the EE program modifications that you recommend the**

206

**Commission direct MEC to implement as a condition for approval of the**

207

**extension of certain EE programs for a 6<sup>th</sup> year.**

208

A. I have two recommendations for program modifications. I recommend that the

209

Commission direct MEC to exclude incentive offerings for: (1) measures that do

210

not exceed energy codes and standards; and (2) measures found to be cost-

211

ineffective.

---

benefits. For example, this increase assumes the existence of these two programs in Illinois do not significantly impact participation in other Illinois MEC EE programs. The Company has made no showing that these programs have a significant positive impact on participation in other programs.

212 **Q. Please explain the basis for your first recommended program modification**  
213 **regarding MEC excluding incentives for measures that do not exceed energy**  
214 **codes and standards.**

215 A. Providing incentives to customers for measures that are considered “replace-on-  
216 burnout” and that do not exceed energy codes and standards, results in zero  
217 energy savings. Instead, the Company should direct funds toward cost-effective  
218 energy saving measures, therein increasing benefits to Illinois ratepayers. With  
219 respect to this program modification, in response to Staff DR JLH 1.05, MEC states:

220 If the 2012 programs are extended until the end of 2013,  
221 MidAmerican Energy will follow its normal process to review codes  
222 and standards anticipated to be adopted for 2013 by the State of  
223 Illinois and federal agencies for 2013 and modify 2012 programs  
224 appropriately for the 2013 program year. Also, following normal  
225 process, the Company will review 2012 programs for possible  
226 changes that would impact 2013 program brochures, 2013 fact  
227 sheets and changes to the Company’s website . Finally,  
228 MidAmerican will review the preliminary results of Tetra Tech’s  
229 impact evaluation to identify potential modifications to the programs  
230 for implementation in 2013.

231 ICC Staff Ex. 2.1 at 3. The preliminary results from Tetra Tech’s impact evaluation  
232 of MEC’s pilot EE programs also include recommendations to update to the latest  
233 code. See, e.g., MEC Ex. 2.2 at 60 for the Nonresidential Equipment program  
234 recommendations. Based on MEC’s response quoted above, it is my  
235 understanding that MidAmerican agrees to make this type of program modification.

236 **Q. Please explain the basis for your second recommended program**  
237 **modification regarding MEC excluding incentive offerings for measures that**  
238 **are cost-ineffective.**

239 A. It is my opinion that the savings from EE are somewhat uncertain. In order to help  
240 ensure that the portfolio of programs is cost-effective as a whole (*i.e.*, providing  
241 positive net benefits), I believe it is prudent to discontinue programs and measures  
242 that are not cost-effective; unless there is some extenuating circumstance that  
243 would justify the inclusion of the cost-ineffective measure or program, (*e.g.*, a low  
244 income program).

245           Considering MEC apparently never performed a measure-level cost-  
246 effectiveness analysis for Illinois, I recommend the Commission direct MEC to  
247 complete such analysis to inform the program modifications recommended herein.  
248 ICC Staff Ex. 2.1 at 4. If the Commission adopts this second recommendation  
249 alternative, I recommend the Commission direct MEC to submit a compliance filing  
250 no later than December 3, 2012, that details information regarding the 2013  
251 modified measure mix and program offerings, including, but not limited to,  
252 estimated cost-effectiveness, savings, and budgets.

253 **C. RECOMMENDATION ALTERNATIVE (3)**

254 **Q. Please summarize your third recommendation described in your direct**  
255 **testimony regarding MidAmerican's energy efficiency programs.**

256 A. If the Commission accepts that subsection (d) of Section 8-408 provides that the  
257 Commission may elect to approve MEC's EE plans on a basis other than that  
258 specified in subsection (a) of Section 8-408 of the Act, then I recommend that the  
259 Commission order MEC to provide the projected level of cost-effectiveness for each  
260 EE program and measure that MEC proposes to offer to its Illinois customers in  
261 each EE plan filing. The projected level of cost-effectiveness should be

262 demonstrated in each EE plan filing before the Commission, in addition to the  
263 seven items specified in Section 8-408(a) of the Act. I recommend that the  
264 Commission direct MEC to exclude any programs or measures that are projected to  
265 be cost-ineffective for Illinois customers in the EE plan filings. To enable the  
266 Commission to evaluate whether MEC should continue individual programs through  
267 December 31, 2013, MEC should provide in its rebuttal testimony the details  
268 underlying the Illinois programs it is requesting to extend, including the projected  
269 levels of cost-effectiveness as specified in Recommendation (2). ICC Staff Ex. 1.0  
270 at 3-4, 14.

271 **Q. How does MidAmerican respond to your third recommendation described**  
272 **above?**

273 A. As stated above, MEC provides no information regarding the projected levels of  
274 cost-effectiveness for the programs it is requesting the Commission extend for a 6<sup>th</sup>  
275 year in its rebuttal testimony. MidAmerican witness Munns states:

276 If the Commission determined it had the authority to approve  
277 energy efficiency programs for MidAmerican on some other basis  
278 than subsection (a) of Section 8-408, MidAmerican would provide  
279 any cost-effectiveness information necessary for the Commission to  
280 make a reasoned decision regarding MidAmerican's proposed plan.  
281 MidAmerican recommends, however, that the Commission not limit  
282 its future flexibility by directing MidAmerican to exclude any  
283 programs or measures that are not cost-effective for Illinois  
284 customers in its energy efficiency plan filings. Not only can cost-  
285 effectiveness be defined in multiple ways, but there may be good  
286 reasons for including programs (low income offerings, for example)  
287 in MidAmerican's portfolio that are not strictly cost-effective. If  
288 MidAmerican were to propose programs or measures that were not  
289 cost effective in a new plan filing, the Commission could certainly  
290 accept or reject those proposals based upon its evaluation of their  
291 merit.

292 MEC Ex. 3.0 at 6. (Emphases added).

293 **Q. What is your response?**

294 A. MEC's recommendation appears to be reasonable, and I do not object to it. If the  
295 Commission elects to approve MEC's EE plans on a basis other than that specified  
296 in Section 8-408(a) of the Act, I recommend that the Commission order the  
297 Company to provide the projected level of cost-effectiveness for each EE program  
298 and measure that it proposes to offer to Illinois customers and explain the basis for  
299 any proposed cost-ineffective measures and programs. This information should be  
300 provided in each EE plan filing before the Commission, in addition to the seven  
301 items specified in Section 8-408(a) of the Act. I recommend that the Commission  
302 direct MEC to provide justification for including specific programs and measures  
303 that are not projected to be cost-effective for its Illinois customers in the EE plan  
304 filings, so that the Commission can make a determination regarding the  
305 appropriateness of having ratepayers fund such cost-ineffective measures and  
306 program offerings to participants.

307 **Q. Does MEC address all of your recommendations in its rebuttal testimony?**

308 A. No. MidAmerican does not address my recommendation that the upstream  
309 compact fluorescent lamp ("CFL") initiative be presented as a separate program.  
310 Therefore, I assume that MEC has no objections to this recommendation. I  
311 recommend the Commission direct MEC to separate out the upstream CFL  
312 component from the Residential Audit and Small Business programs in its quarterly  
313 reports to the Commission, in any future EE plan filings, and in any compliance  
314 filings in this docket.

315 **III. SUMMARY OF RECOMMENDATIONS**

316 **Q. Please summarize your recommendations to the Commission.**

317 A. I have three sets of recommendations based on three different interpretations of the  
318 statute. If the Commission adopts either alternative (2) or (3), I recommend the  
319 Commission direct MEC to submit a compliance filing no later than December 3,  
320 2012, that details information regarding the modified measure mix and program  
321 offerings, including, but not limited to, estimated cost-effectiveness, savings, and  
322 budgets, that are consistent with the Final Order in this proceeding. Following this  
323 submission, Staff would submit a report detailing whether MEC is in compliance  
324 with the Order.

325 Recommendation (1): If the Commission accepts MEC's position that  
326 Section 8-408 requires acceptance of all IUB-approved programs on a going-  
327 forward basis, or no programs at all, then I recommend the Commission direct MEC  
328 to discontinue its EE programs offered under Section 8-408(a) of the Act. The past  
329 four years have demonstrated that a program found to be cost-effective in Iowa is  
330 not necessarily cost-effective for MEC's Illinois customers. Therefore, if the  
331 Commission determines that subsection (a) is the only EE plan approval provision  
332 that may be used under Section 8-408 of the Act, instead of subsection (d) upon  
333 which this proceeding was initiated, then to protect the interests of Illinois  
334 ratepayers, the Commission should discontinue MEC's EE programs offered under  
335 Section 8-408 of the Act.

336           Recommendation (2): If the statute provides the Commission the ability to  
337 grant an extension limited to one year to allow the General Assembly to consider  
338 the Commission's report issued pursuant to Section 8-408(d), then I recommend  
339 that the Commission permit an extension of some of the proposed programs that  
340 are currently offered in Illinois with certain modifications until the end of 2013. The  
341 two programs that have provided negative net benefits to Illinois customers over the  
342 2008-2011 timeframe should not be extended. Specifically, I recommend that the  
343 Commission decline to approve an extension of the Residential Equipment and  
344 New Construction programs, and order MEC to incorporate certain program  
345 modifications as a condition for approval of the remaining programs. I recommend  
346 that the Commission direct MEC to exclude offering incentives for: (1) measures  
347 that do not exceed energy codes and standards, and (2) those measures that are  
348 found to be cost-ineffective. I further recommend the Commission direct MEC to  
349 separate out the upstream CFL component from the Residential Audit and Small  
350 Business programs in its quarterly reports to the Commission and in any  
351 compliance filings in this docket. I recommend the Commission direct MEC to  
352 perform a measure-level cost-effectiveness analysis for Illinois to inform the  
353 program modifications recommended herein. If the Commission adopts this  
354 second recommendation alternative, I recommend the Commission direct MEC to  
355 submit a compliance filing no later than December 3, 2012, that details information  
356 regarding the 2013 modified measure mix and program offerings, including, but not  
357 limited to, estimated cost-effectiveness, savings, and budgets.

358           Recommendation (3): If the Commission accepts that Section 8-408(d)  
359 provides that the Commission may elect to approve MEC's EE plans on a basis  
360 other than that specified in Section 8-408(a) of the Act, then I recommend that the  
361 Commission order MEC to provide the projected level of cost-effectiveness for each  
362 EE program and measure that MEC proposes to offer to its Illinois customers in  
363 each EE plan filing before the Commission. This is in addition to the seven items  
364 specified in Section 8-408(a) of the Act. I further recommend that the Commission  
365 direct MEC to provide justification for including any programs or measures that are  
366 projected to be cost-ineffective for its Illinois customers in the EE plan filings such  
367 that the Commission can make a determination regarding the appropriateness of  
368 having ratepayers fund such cost-ineffective measures and program offerings to  
369 participants. I also recommend that the Commission direct MEC to separate out  
370 the upstream CFL component in its quarterly reports to the Commission, in any  
371 future EE plan filings, and in any compliance filings in this docket.

372           With respect to MEC's request to extend all of its current programs for a 6<sup>th</sup>  
373 year, if the Commission elects to approve MEC's EE plans on a basis other than  
374 that specified in Section 8-408(a) of the Act, I recommend that the Commission  
375 permit an extension of some of the proposed programs with certain modifications  
376 until the end of 2013, with the exception of the two programs that have provided  
377 negative net benefits to Illinois customers over the 2008-2011 timeframe.  
378 Specifically, I recommend that the Commission decline to approve extension of the  
379 Residential Equipment and New Construction programs. In addition, I recommend  
380 the Commission order MEC to incorporate certain program modifications as a

381 condition for approval of the remaining programs. I also recommend that the  
382 Commission direct MEC to exclude offering incentives for: (1) measures that do  
383 not exceed energy codes and standards, and (2) those measures that are found to  
384 be cost-ineffective. I recommend the Commission direct MEC to perform a  
385 measure-level cost-effectiveness analysis for Illinois to inform the program  
386 modifications recommended herein. If the Commission adopts this third  
387 recommendation alternative, I recommend the Commission direct MEC to submit a  
388 compliance filing no later than December 3, 2012, that details information regarding  
389 the 2013 modified measure mix and program offerings, including, but not limited to,  
390 estimated cost-effectiveness, savings, and budgets.

391 **Q. Does this conclude your prepared rebuttal testimony?**

392 A. Yes.

**MidAmerican Energy Company**  
**Revised Response to Illinois Commerce Commission Data Request**  
**Docket No. 12-0132**  
**2012 Evaluation of MidAmerican Energy Company EE Programs**

Docket No. 12-0132  
ICC Staff Exhibit 2.1  
Page 1 of 4

**Responder Name: Charles B. Rea**  
**Job Title: Manager, Regulatory Strategic Analysis**  
**Phone: 563-333-8868**

**Requested Data:**

JLH 1.04 MidAmerican witness Munns states, “MidAmerican recommends that the Commission issue an order as soon as possible to extend the present programs until the end of 2013[.]” MEC Ex. 1.0 at 10. Please provide the details for which an extension is being requested. In particular, for each of the programs proposed to be extended until the end of 2013, please provide the program’s expected rate of participation, the estimated annual peak demand reduction and energy savings, the budget or level of spending, the rate impacts and average bill impacts, by customer class, resulting from extending the programs until the end of 2013, and the projected cost effectiveness (societal and TRC tests) of these programs using updated inputs (e.g., updated avoided costs).

**REVISED RESPONSE:**

MidAmerican Energy Company objects to providing the projected cost effectiveness (societal and TRC tests) of these programs using updated inputs (e.g., updated avoided costs) resulting from extending the programs until the end of 2013 because the request presumes that these specific tests are required for Illinois Commerce Commission approval of program extensions into 2013. Section 8-408 of the Public Utilities Act, states, in part:

Energy efficiency plans for small multi-jurisdictional utilities. (a) Any electric or gas public utility with fewer than 200,000 customers in Illinois on January 1, 2007 that offers energy efficiency programs to its customers in a state adjacent to Illinois may seek the approval of the Commission to offer the same or comparable energy efficiency programs to its customers in Illinois. For each program to be offered, the utility shall submit to the Commission:

- (1) a description of the program;
- (2) a proposed implementation schedule and method;
- (3) the number of eligible participants;
- (4) the expected rate of participation per year;
- (5) the estimated annual peak demand and energy savings;

**MidAmerican Energy Company**  
**Revised Response to Illinois Commerce Commission Data Request**  
**Docket No. 12-0132**  
**2012 Evaluation of MidAmerican Energy Company EE Programs**

Docket No. 12-0132  
ICC Staff Exhibit 2.1  
Page 2 of 4

(6) the budget or level of spending; and

(7) the rate impacts and average bill impacts, by customer class, resulting from the program.

The Commission shall approve each program demonstrated to be cost-effective. Programs for low-income customers shall be approved by the Commission even if they have not been demonstrated to be cost-effective if they are demonstrated to be reasonable. An order of the State agency that regulates the rates of the utility in the adjacent state that finds a program to be cost-effective or reasonable shall be sufficient to demonstrate that the program is cost-effective or reasonable for the utility's customers in Illinois. Approved programs may be delivered by the utility or by a contractor or agent of the utility.

220 ILCS 5/8-408, *emphasis added*.

MidAmerican Energy Company has provided information consistent with Section 8-406 of the Public Utilities Act.

Notwithstanding this objection, MidAmerican provided the following response and attachments to this question on June 11, 2012:

Please see Attachment A to Response 1.04 for the 2013 program information requested. The first tab includes estimated electric energy savings, peak demand reductions and budgeted spending. The second tab includes estimated gas energy savings, peak demand reductions and budgeted spending. The third tab contains expected participation levels. Attachment B to Response 1.04 calculates the rate impacts and average bill impacts to residential and nonresidential customers.

**MidAmerican Energy Company**  
**Response to Illinois Commerce Commission Data Request**  
**Docket No. 12-0132**  
**2012 Evaluation of MidAmerican Energy Company EE Programs**

Docket No. 12-0132  
ICC Staff Exhibit 2.1  
Page 3 of 4

**Responder Name: Rick Leuthauser**  
**Job Title: Manager, Energy Efficiency**  
**Phone: 563-333-8846**

**Requested Data:**

JLH 1.05 MidAmerican witness Munns states, “MidAmerican recommends that the Commission issue an order as soon as possible to extend the present programs until the end of 2013[.]” MEC Ex. 1.0 at 10. Please refer to MidAmerican’s data request response to Staff titled, “MEC EE Response to 12-19-11 ICC Information Request”. If the present programs are extended until the end of 2013, does MidAmerican expect the programs to be continued under the operation manuals provided in “MEC EE Response to 12-19-11 ICC Information Request” without modification? Are there any modifications/improvements to the present programs that MEC can foresee at this time that it expects to implement by 2013? Please explain.

**RESPONSE:** If the 2012 programs are extended until the end of 2013, MidAmerican Energy will follow its normal process to review codes and standards anticipated to be adopted for 2013 by the State of Illinois and federal agencies for 2013 and modify 2012 programs appropriately for the 2013 program year. Also, following normal process, the Company will review 2012 programs for possible changes that would impact 2013 program brochures, 2013 fact sheets and changes to the Company’s website . Finally, MidAmerican will review the preliminary results of Tetra Tech’s impact evaluation to identify potential modifications to the programs for implementation in 2013.

**MidAmerican Energy Company**  
**Response to Illinois Commerce Commission Data Request**  
**Docket No. 12-0132**  
**2012 Evaluation of MidAmerican Energy Company EE Programs**

Docket No. 12-0132  
ICC Staff Exhibit 2.1  
Page 4 of 4

**Responder Name: Charles B. Rea**  
**Job Title: Manager, Regulatory Strategic Analysis**  
**Phone: 563-333-8868**

**Requested Data:**

JLH 2.03      Please provide the results and modeling from the most recent measure-level cost effectiveness analysis performed for the measures MidAmerican is proposing to offer through the end of 2013. If this modeling is in the form of an Excel workbook, please provide a working copy of the Excel file. Please provide all supporting documents and work papers relied upon in preparing this analysis. Please provide numerical analyses and datasets in an appropriate format (e.g., working copy) such as unprotected Microsoft Excel files to the extent that they exist. Please include responses in their native file format such as Word or PowerPoint format, where applicable. Please identify the person(s) responsible for performing the analysis and the dates in which the cost effectiveness analysis was performed.

**RESPONSE:**

MidAmerican has not conducted a recent measure-level cost effectiveness analysis on the measures currently in its Illinois energy efficiency plan that MidAmerican proposes to carry over for one year into 2013. MidAmerican anticipates conducting and providing a measure-level cost effectiveness analysis based on the most current set of measure level statistics and avoided costs available as part of the development of a new five-year plan in 2013.

**MidAmerican Energy Company**  
**Response to Illinois Commerce Commission Data Request**  
**Docket No. 12-0132**  
**2012 Evaluation of MidAmerican Energy Company EE Programs**

**Responder Name: Charles B. Rea**  
**Job Title: Manager, Regulatory Strategic Analysis**  
**Phone: 563-333-8868**

**Requested Data:**

JLH 1.07 Please provide the cost effectiveness results by program for 2008, 2009, 2010, 2011, and 2008-2011 including both electric and gas costs and benefits. Please calculate the societal test using the *net ex post* results. Please provide supporting documents including program tracking spreadsheets and energy savings calculations.

**RESPONSE:**

Attachment A to Response 1.07 contains the cost-effectiveness results by program including both electric and gas costs and benefits. For each program there are four separate tabs. The first three show results for 2009, 2010 and 2011. The results for the partial year 2008 have been combined with 2009. The fourth tab for each program contains the 2008-2011 combined program results. Supporting documents are voluminous and confidential and will be provided as Confidential Attachment B on a separate compact disk.

MidAmerican Energy Company  
Illinois Energy Efficiency Programs  
2008-2011 Performance Data

Program: Residential Equipment  
Year: 2009 (includes partial year 2008 results)

	--- Electric ---		--- Gas ---	
	Energy	Peak	Energy	Peak
Realization Rate:	1.19	1.23	0.76	0.74
NTG Ratio:	0.60	0.59	0.66	0.65

  

Benefits	Iowa		Illinois	
	SOC Test	TRC Test	SOC Test	TRC Test
	Gross Ex-Ante	Gross Ex-Ante	Net Ex-Post	Net Ex-Post
Avoided Electric Generation Capacity Cost	\$ 210,639	\$ 174,457	\$ 152,861	\$ 126,603
Avoided Electric Transmission Capacity Cost	\$ 32,450	\$ 26,876	\$ 23,549	\$ 19,504
Avoided Electric Distribution Capacity Cost	\$ 123,197	\$ 102,040	\$ 89,404	\$ 74,050
Avoided Electric Energy Cost	\$ 388,578	\$ 309,963	\$ 277,445	\$ 221,313
Avoided Gas Capacity Cost	\$ 194,682	\$ 159,422	\$ 93,642	\$ 76,682
Avoided Gas Energy Cost	\$ 1,552,468	\$ 1,260,726	\$ 778,718	\$ 632,380
Electric Externalities (10% Adder)	\$ 75,486	\$ -	\$ 54,326	\$ -
Gas Externalities (7.5% Adder)	\$ 131,036	\$ -	\$ 65,427	\$ -
<b>Total</b>	<b>\$ 2,708,538</b>	<b>\$ 2,033,484</b>	<b>\$ 1,535,372</b>	<b>\$ 1,150,533</b>

  

Cost	Iowa		Illinois	
	SOC Test	TRC Test	SOC Test	TRC Test
	Gross Ex-Ante	Gross Ex-Ante	Net Ex-Post	Net Ex-Post
Electric Administrative Cost	\$ 106,869	\$ 106,869	\$ 106,869	\$ 106,869
Electric Participant Cost	\$ 1,278,415	\$ 1,278,415	\$ 912,788	\$ 912,788
Gas Administrative Cost	\$ 145,542	\$ 145,542	\$ 145,542	\$ 145,542
Gas Participant Cost	\$ 1,234,156	\$ 1,234,156	\$ 619,053	\$ 619,053
<b>Total</b>	<b>\$ 2,764,982</b>	<b>\$ 2,764,982</b>	<b>\$ 1,784,252</b>	<b>\$ 1,784,252</b>

  

Net Benefits	\$ (56,445)	\$ (731,498)	\$ (248,880)	\$ (633,719)
C/C Ratio	0.98	0.74	0.86	0.64

MidAmerican Energy Company  
Illinois Energy Efficiency Programs  
2008-2011 Performance Data

Program: Residential Equipment  
Year: 2010

	--- Electric ---		--- Gas ---	
	Energy	Peak	Energy	Peak
Realization Rate:	1.19	1.23	0.76	0.74
NTG Ratio:	0.60	0.59	0.66	0.65

  

Benefits	Iowa	Illinois	Iowa	Illinois
	SOC Test	TRC Test	SOC Test	TRC Test
	Gross	Gross	Net	Net
	Ex-Ante	Ex-Ante	Ex-Post	Ex-Post
Avoided Electric Generation Capacity Cost	\$ 237,176	\$ 197,069	\$ 172,119	\$ 143,013
Avoided Electric Transmission Capacity Cost	\$ 36,539	\$ 30,360	\$ 26,516	\$ 22,032
Avoided Electric Distribution Capacity Cost	\$ 139,116	\$ 115,593	\$ 100,956	\$ 83,886
Avoided Electric Energy Cost	\$ 415,782	\$ 326,505	\$ 296,869	\$ 233,125
Avoided Gas Capacity Cost	\$ 189,143	\$ 154,899	\$ 90,978	\$ 74,507
Avoided Gas Energy Cost	\$ 1,636,798	\$ 1,320,673	\$ 821,018	\$ 662,450
Electric Externalities (10% Adder)	\$ 82,861	\$ -	\$ 59,646	\$ -
Gas Externalities (7.5% Adder)	\$ 136,946	\$ -	\$ 68,400	\$ -
<b>Total</b>	<b>\$ 2,874,361</b>	<b>\$ 2,145,100</b>	<b>\$ 1,636,501</b>	<b>\$ 1,219,012</b>

  

Cost	Iowa	Illinois	Iowa	Illinois
	SOC Test	TRC Test	SOC Test	TRC Test
	Gross	Gross	Net	Net
	Ex-Ante	Ex-Ante	Ex-Post	Ex-Post
Electric Administrative Cost	\$ 83,446	\$ 83,446	\$ 83,446	\$ 83,446
Electric Participant Cost	\$ 1,296,059	\$ 1,296,059	\$ 925,386	\$ 925,386
Gas Administrative Cost	\$ 85,158	\$ 85,158	\$ 85,158	\$ 85,158
Gas Participant Cost	\$ 1,237,094	\$ 1,237,094	\$ 620,526	\$ 620,526
<b>Total</b>	<b>\$ 2,701,757</b>	<b>\$ 2,701,757</b>	<b>\$ 1,714,517</b>	<b>\$ 1,714,517</b>

  

Net Benefits	\$ 172,604	\$ (556,657)	\$ (78,015)	\$ (495,504)
C/C Ratio	1.06	0.79	0.95	0.71

MidAmerican Energy Company  
Illinois Energy Efficiency Programs  
2008-2011 Performance Data

Program: Residential Equipment  
Year: 2011

	--- Electric ---		--- Gas ---	
	Energy	Peak	Energy	Peak
Realization Rate:	1.19	1.23	0.76	0.74
NTG Ratio:	0.60	0.59	0.66	0.65

  

Benefits	Iowa		Illinois	
	SOC Test	TRC Test	SOC Test	TRC Test
	Gross Ex-Ante	Gross Ex-Ante	Net Ex-Post	Net Ex-Post
Avoided Electric Generation Capacity Cost	\$ 191,399	\$ 158,658	\$ 138,898	\$ 115,138
Avoided Electric Transmission Capacity Cost	\$ 29,486	\$ 24,442	\$ 21,398	\$ 17,738
Avoided Electric Distribution Capacity Cost	\$ 112,195	\$ 93,001	\$ 81,420	\$ 67,491
Avoided Electric Energy Cost	\$ 327,395	\$ 262,361	\$ 233,760	\$ 187,326
Avoided Gas Capacity Cost	\$ 156,960	\$ 128,252	\$ 75,498	\$ 61,689
Avoided Gas Energy Cost	\$ 1,498,536	\$ 1,196,653	\$ 751,666	\$ 600,241
Electric Externalities (10% Adder)	\$ 66,047	\$ -	\$ 47,548	\$ -
Gas Externalities (7.5% Adder)	\$ 124,162	\$ -	\$ 62,037	\$ -
<b>Total</b>	<b>\$ 2,506,181</b>	<b>\$ 1,863,367</b>	<b>\$ 1,412,224</b>	<b>\$ 1,049,623</b>

  

Cost	Iowa		Illinois	
	SOC Test	TRC Test	SOC Test	TRC Test
	Gross Ex-Ante	Gross Ex-Ante	Net Ex-Post	Net Ex-Post
Electric Administrative Cost	\$ 106,275	\$ 106,275	\$ 106,275	\$ 106,275
Electric Participant Cost	\$ 1,147,747	\$ 1,147,747	\$ 819,491	\$ 819,491
Gas Administrative Cost	\$ 122,827	\$ 122,827	\$ 122,827	\$ 122,827
Gas Participant Cost	\$ 1,058,884	\$ 1,058,884	\$ 531,136	\$ 531,136
<b>Total</b>	<b>\$ 2,435,733</b>	<b>\$ 2,435,733</b>	<b>\$ 1,579,730</b>	<b>\$ 1,579,730</b>

  

Net Benefits	\$ 70,448	\$ (572,366)	\$ (167,505)	\$ (530,107)
C/C Ratio	1.03	0.77	0.89	0.66

MidAmerican Energy Company  
Illinois Energy Efficiency Programs  
2008-2011 Performance Data

Program: Residential Equipment  
Year: 2009-2011 (includes partial year 2008 results)

	--- Electric ---		--- Gas ---	
	Energy	Peak	Energy	Peak
Realization Rate:	1.19	1.23	0.76	0.74
NTG Ratio:	0.60	0.59	0.66	0.65

  

Benefits	Iowa		Illinois	
	SOC Test	TRC Test	SOC Test	TRC Test
	Gross Ex-Ante	Gross Ex-Ante	Net Ex-Post	Net Ex-Post
Avoided Electric Generation Capacity Cost	\$ 611,165	\$ 493,373	\$ 443,523	\$ 358,041
Avoided Electric Transmission Capacity Cost	\$ 94,154	\$ 76,008	\$ 68,328	\$ 55,159
Avoided Electric Distribution Capacity Cost	\$ 358,061	\$ 289,051	\$ 259,845	\$ 209,764
Avoided Electric Energy Cost	\$ 1,083,314	\$ 837,912	\$ 773,486	\$ 598,269
Avoided Gas Capacity Cost	\$ 518,029	\$ 413,140	\$ 249,172	\$ 198,720
Avoided Gas Energy Cost	\$ 4,478,299	\$ 3,512,544	\$ 2,246,315	\$ 1,761,892
Electric Externalities (10% Adder)	\$ 358,061	\$ -	\$ 154,518	\$ -
Gas Externalities (7.5% Adder)	\$ -	\$ -	\$ 187,161	\$ -
<b>Total</b>	<b>\$ 7,501,083</b>	<b>\$ 5,622,028</b>	<b>\$ 4,382,347</b>	<b>\$ 3,181,846</b>

  

Cost	Iowa		Illinois	
	SOC Test	TRC Test	SOC Test	TRC Test
	Gross Ex-Ante	Gross Ex-Ante	Net Ex-Post	Net Ex-Post
Electric Administrative Cost	\$ 283,230	\$ 275,488	\$ 283,230	\$ 275,488
Electric Participant Cost	\$ 3,559,813	\$ 3,465,415	\$ 2,541,706	\$ 2,474,306
Gas Administrative Cost	\$ 338,604	\$ 329,965	\$ 338,604	\$ 329,965
Gas Participant Cost	\$ 3,378,401	\$ 3,290,181	\$ 1,694,606	\$ 1,650,355
<b>Total</b>	<b>\$ 7,560,048</b>	<b>\$ 7,361,049</b>	<b>\$ 4,858,146</b>	<b>\$ 4,730,114</b>

  

Net Benefits	\$ (58,965)	\$ (1,739,021)	\$ (475,799)	\$ (1,548,268)
--------------	-------------	----------------	--------------	----------------

  

C/C Ratio	0.99	0.76	0.90	0.67
-----------	------	------	------	------

MidAmerican Energy Company  
Illinois Energy Efficiency Programs  
2008-2011 Performance Data

Program: Residential Audit  
Year: 2009 (includes partial year 2008 results)

	--- Electric ---		--- Gas ---	
	Energy	Peak	Energy	Peak
Realization Rate:	0.99	0.56	0.97	0.96
NTG Ratio:	0.74	0.82	0.93	0.93

  

Benefits	Iowa	Illinois	Iowa	Illinois
	SOC Test	TRC Test	SOC Test	TRC Test
	Gross	Gross	Net	Net
	Ex-Ante	Ex-Ante	Ex-Post	Ex-Post
Avoided Electric Generation Capacity Cost	\$ 623,531	\$ 495,958	\$ 286,325	\$ 227,744
Avoided Electric Transmission Capacity Cost	\$ 96,059	\$ 76,406	\$ 44,110	\$ 35,085
Avoided Electric Distribution Capacity Cost	\$ 369,328	\$ 294,152	\$ 169,595	\$ 135,074
Avoided Electric Energy Cost	\$ 1,333,128	\$ 1,106,035	\$ 976,650	\$ 810,281
Avoided Gas Capacity Cost	\$ 192,743	\$ 151,055	\$ 172,081	\$ 134,862
Avoided Gas Energy Cost	\$ 3,621,111	\$ 2,808,749	\$ 3,266,604	\$ 2,533,773
Electric Externalities (10% Adder)	\$ 242,205	\$ -	\$ 147,668	\$ -
Gas Externalities (7.5% Adder)	\$ 286,039	\$ -	\$ 257,901	\$ -
<b>Total</b>	<b>\$ 6,764,144</b>	<b>\$ 4,932,354</b>	<b>\$ 5,320,936</b>	<b>\$ 3,876,819</b>

  

Cost	Iowa	Illinois	Iowa	Illinois
	SOC Test	TRC Test	SOC Test	TRC Test
	Gross	Gross	Net	Net
	Ex-Ante	Ex-Ante	Ex-Post	Ex-Post
Electric Administrative Cost	\$ 148,337	\$ 148,337	\$ 148,337	\$ 148,337
Electric Participant Cost	\$ 1,126,750	\$ 1,126,750	\$ 825,457	\$ 825,457
Gas Administrative Cost	\$ 277,048	\$ 277,048	\$ 277,048	\$ 277,048
Gas Participant Cost	\$ 1,522,413	\$ 1,522,413	\$ 1,373,369	\$ 1,373,369
<b>Total</b>	<b>\$ 3,074,548</b>	<b>\$ 3,074,548</b>	<b>\$ 2,624,211</b>	<b>\$ 2,624,211</b>

  

Net Benefits	\$ 3,689,596	\$ 1,857,805	\$ 2,696,725	\$ 1,252,608
C/C Ratio	2.20	1.60	2.03	1.48

MidAmerican Energy Company  
Illinois Energy Efficiency Programs  
2008-2011 Performance Data

Program: Residential Audit  
Year: 2010

	--- Electric ---		--- Gas ---	
	Energy	Peak	Energy	Peak
Realization Rate:	0.99	0.56	0.97	0.96
NTG Ratio:	0.74	0.82	0.93	0.93

  

Benefits	Iowa	Illinois	Iowa	Illinois
	SOC Test	TRC Test	SOC Test	TRC Test
	Gross	Gross	Net	Net
	Ex-Ante	Ex-Ante	Ex-Post	Ex-Post
Avoided Electric Generation Capacity Cost	\$ 359,798	\$ 291,459	\$ 165,219	\$ 133,838
Avoided Electric Transmission Capacity Cost	\$ 55,429	\$ 44,901	\$ 25,453	\$ 20,619
Avoided Electric Distribution Capacity Cost	\$ 214,728	\$ 174,273	\$ 98,603	\$ 80,026
Avoided Electric Energy Cost	\$ 831,957	\$ 700,595	\$ 609,492	\$ 513,256
Avoided Gas Capacity Cost	\$ 187,556	\$ 145,417	\$ 167,450	\$ 129,828
Avoided Gas Energy Cost	\$ 1,738,919	\$ 1,336,991	\$ 1,568,679	\$ 1,206,099
Electric Externalities (10% Adder)	\$ 146,191	\$ -	\$ 89,877	\$ -
Gas Externalities (7.5% Adder)	\$ 144,486	\$ -	\$ 130,210	\$ -
<b>Total</b>	<b>\$ 3,679,064</b>	<b>\$ 2,693,637</b>	<b>\$ 2,854,982</b>	<b>\$ 2,083,667</b>

  

Cost	Iowa	Illinois	Iowa	Illinois
	SOC Test	TRC Test	SOC Test	TRC Test
	Gross	Gross	Net	Net
	Ex-Ante	Ex-Ante	Ex-Post	Ex-Post
Electric Administrative Cost	\$ 83,580	\$ 83,580	\$ 83,580	\$ 83,580
Electric Participant Cost	\$ 666,666	\$ 666,666	\$ 488,399	\$ 488,399
Gas Administrative Cost	\$ 166,550	\$ 166,550	\$ 166,550	\$ 166,550
Gas Participant Cost	\$ 820,151	\$ 820,151	\$ 739,858	\$ 739,858
<b>Total</b>	<b>\$ 1,736,947</b>	<b>\$ 1,736,947</b>	<b>\$ 1,478,388</b>	<b>\$ 1,478,388</b>

  

Net Benefits	\$ 1,942,117	\$ 956,690	\$ 1,376,595	\$ 605,279
C/C Ratio	2.12	1.55	1.93	1.41

MidAmerican Energy Company  
Illinois Energy Efficiency Programs  
2008-2011 Performance Data

Program: Residential Audit  
Year: 2011

	--- Electric ---		--- Gas ---	
	Energy	Peak	Energy	Peak
Realization Rate:	0.99	0.56	0.97	0.96
NTG Ratio:	0.74	0.82	0.93	0.93

  

Benefits	Iowa		Illinois	
	SOC Test Gross Ex-Ante	TRC Test Gross Ex-Ante	SOC Test Net Ex-Post	TRC Test Net Ex-Post
Avoided Electric Generation Capacity Cost	\$ 396,645	\$ 332,703	\$ 182,139	\$ 152,777
Avoided Electric Transmission Capacity Cost	\$ 61,106	\$ 51,255	\$ 28,060	\$ 23,536
Avoided Electric Distribution Capacity Cost	\$ 231,042	\$ 193,739	\$ 106,095	\$ 88,965
Avoided Electric Energy Cost	\$ 1,233,328	\$ 1,070,241	\$ 903,536	\$ 784,059
Avoided Gas Capacity Cost	\$ 129,894	\$ 100,938	\$ 115,969	\$ 90,117
Avoided Gas Energy Cost	\$ 1,279,810	\$ 990,489	\$ 1,154,516	\$ 893,520
Electric Externalities (10% Adder)	\$ 192,212	\$ -	\$ 121,983	\$ -
Gas Externalities (7.5% Adder)	\$ 105,728	\$ -	\$ 95,286	\$ -
<b>Total</b>	<b>\$ 3,629,764</b>	<b>\$ 2,739,365</b>	<b>\$ 2,707,585</b>	<b>\$ 2,032,975</b>

  

Cost	Iowa		Illinois	
	SOC Test Gross Ex-Ante	TRC Test Gross Ex-Ante	SOC Test Net Ex-Post	TRC Test Net Ex-Post
Electric Administrative Cost	\$ 110,096	\$ 110,096	\$ 110,096	\$ 110,096
Electric Participant Cost	\$ 535,697	\$ 535,697	\$ 392,452	\$ 392,452
Gas Administrative Cost	\$ 189,623	\$ 189,623	\$ 189,623	\$ 189,623
Gas Participant Cost	\$ 583,279	\$ 583,279	\$ 526,176	\$ 526,176
<b>Total</b>	<b>\$ 1,418,695</b>	<b>\$ 1,418,695</b>	<b>\$ 1,218,347</b>	<b>\$ 1,218,347</b>

  

Net Benefits	\$ 2,211,070	\$ 1,320,670	\$ 1,489,238	\$ 814,628
C/C Ratio	2.56	1.93	2.22	1.67

MidAmerican Energy Company  
Illinois Energy Efficiency Programs  
2008-2011 Performance Data

Program: Residential Audit  
Year: 2009-2011 (includes partial year 2008 results)

	--- Electric ---		--- Gas ---	
	Energy	Peak	Energy	Peak
Realization Rate:	0.99	0.56	0.97	0.96
NTG Ratio:	0.74	0.82	0.93	0.93

  

Benefits	Iowa	Illinois	Iowa	Illinois
	SOC Test	TRC Test	SOC Test	TRC Test
	Gross	Gross	Net	Net
	Ex-Ante	Ex-Ante	Ex-Post	Ex-Post
Avoided Electric Generation Capacity Cost	\$ 1,327,891	\$ 1,051,845	\$ 609,768	\$ 483,007
Avoided Electric Transmission Capacity Cost	\$ 204,571	\$ 162,044	\$ 93,939	\$ 74,411
Avoided Electric Distribution Capacity Cost	\$ 784,524	\$ 622,072	\$ 360,253	\$ 285,656
Avoided Electric Energy Cost	\$ 3,249,629	\$ 2,674,597	\$ 2,380,678	\$ 1,959,410
Avoided Gas Capacity Cost	\$ 489,937	\$ 372,524	\$ 437,416	\$ 332,589
Avoided Gas Energy Cost	\$ 6,445,264	\$ 4,898,610	\$ 5,814,273	\$ 4,419,036
Electric Externalities (10% Adder)	\$ 784,524	\$ -	\$ 344,464	\$ -
Gas Externalities (7.5% Adder)	\$ -	\$ -	\$ 468,877	\$ -
<b>Total</b>	<b>\$ 13,286,339</b>	<b>\$ 9,781,692</b>	<b>\$ 10,509,667</b>	<b>\$ 7,554,109</b>

  

Cost	Iowa	Illinois	Iowa	Illinois
	SOC Test	TRC Test	SOC Test	TRC Test
	Gross	Gross	Net	Net
	Ex-Ante	Ex-Ante	Ex-Post	Ex-Post
Electric Administrative Cost	\$ 328,304	\$ 320,362	\$ 328,304	\$ 320,362
Electric Participant Cost	\$ 2,250,478	\$ 2,204,731	\$ 1,648,700	\$ 1,615,186
Gas Administrative Cost	\$ 608,572	\$ 594,277	\$ 608,572	\$ 594,277
Gas Participant Cost	\$ 2,835,896	\$ 2,783,511	\$ 2,558,262	\$ 2,511,005
<b>Total</b>	<b>\$ 6,023,250</b>	<b>\$ 5,902,881</b>	<b>\$ 5,143,838</b>	<b>\$ 5,040,830</b>

  

Net Benefits	\$ 7,263,089	\$ 3,878,811	\$ 5,365,829	\$ 2,513,279
--------------	--------------	--------------	--------------	--------------

  

C/C Ratio	2.21	1.66	2.04	1.50
-----------	------	------	------	------

MidAmerican Energy Company  
Illinois Energy Efficiency Programs  
2008-2011 Performance Data

Program: Residential New Construction  
Year: 2009 (includes partial year 2008 results)

	--- Electric ---		--- Gas ---	
	Energy	Peak	Energy	Peak
Realization Rate:	0.12	0.20	0.30	0.40
NTG Ratio:	0.95	0.95	0.80	0.80

  

Benefits	Iowa	Illinois	Iowa	Illinois
	SOC Test	TRC Test	SOC Test	TRC Test
	Gross	Gross	Net	Net
	Ex-Ante	Ex-Ante	Ex-Post	Ex-Post
Avoided Electric Generation Capacity Cost	\$ 42,221	\$ 32,025	\$ 8,022	\$ 6,085
Avoided Electric Transmission Capacity Cost	\$ 6,504	\$ 4,934	\$ 1,236	\$ 937
Avoided Electric Distribution Capacity Cost	\$ 24,716	\$ 18,747	\$ 4,696	\$ 3,562
Avoided Electric Energy Cost	\$ 57,228	\$ 42,036	\$ 6,524	\$ 4,792
Avoided Gas Capacity Cost	\$ 13,124	\$ 10,182	\$ 4,200	\$ 3,258
Avoided Gas Energy Cost	\$ 111,435	\$ 84,754	\$ 26,744	\$ 20,341
Electric Externalities (10% Adder)	\$ 13,067	\$ -	\$ 2,048	\$ -
Gas Externalities (7.5% Adder)	\$ 9,342	\$ -	\$ 2,321	\$ -
<b>Total</b>	<b>\$ 277,636</b>	<b>\$ 192,677</b>	<b>\$ 55,790</b>	<b>\$ 38,975</b>

  

Cost	Iowa	Illinois	Iowa	Illinois
	SOC Test	TRC Test	SOC Test	TRC Test
	Gross	Gross	Net	Net
	Ex-Ante	Ex-Ante	Ex-Post	Ex-Post
Electric Administrative Cost	\$ 18,150	\$ 18,150	\$ 18,150	\$ 18,150
Electric Participant Cost	\$ 150,878	\$ 150,878	\$ 17,200	\$ 17,200
Gas Administrative Cost	\$ 41,987	\$ 41,987	\$ 41,987	\$ 41,987
Gas Participant Cost	\$ 115,158	\$ 115,158	\$ 27,638	\$ 27,638
<b>Total</b>	<b>\$ 326,174</b>	<b>\$ 326,174</b>	<b>\$ 104,975</b>	<b>\$ 104,975</b>

  

Net Benefits	\$ (48,537)	\$ (133,496)	\$ (49,185)	\$ (66,000)
C/C Ratio	0.85	0.59	0.53	0.37

MidAmerican Energy Company  
Illinois Energy Efficiency Programs  
2008-2011 Performance Data

Program: Residential New Construction  
Year: 2010

	--- Electric ---		--- Gas ---	
	Energy	Peak	Energy	Peak
Realization Rate:	0.12	0.20	0.30	0.40
NTG Ratio:	0.95	0.95	0.80	0.80

  

Benefits	Iowa	Illinois	Iowa	Illinois
	SOC Test	TRC Test	SOC Test	TRC Test
	Gross	Gross	Net	Net
	Ex-Ante	Ex-Ante	Ex-Post	Ex-Post
Avoided Electric Generation Capacity Cost	\$ 9,887	\$ 7,613	\$ 1,879	\$ 1,446
Avoided Electric Transmission Capacity Cost	\$ 1,523	\$ 1,173	\$ 289	\$ 223
Avoided Electric Distribution Capacity Cost	\$ 5,654	\$ 4,350	\$ 1,074	\$ 826
Avoided Electric Energy Cost	\$ 50,595	\$ 38,419	\$ 5,768	\$ 4,380
Avoided Gas Capacity Cost	\$ 1,258	\$ 977	\$ 403	\$ 313
Avoided Gas Energy Cost	\$ 11,190	\$ 8,519	\$ 2,686	\$ 2,045
Electric Externalities (10% Adder)	\$ 6,766	\$ -	\$ 901	\$ -
Gas Externalities (7.5% Adder)	\$ 934	\$ -	\$ 232	\$ -
<b>Total</b>	<b>\$ 87,808</b>	<b>\$ 61,051</b>	<b>\$ 13,231</b>	<b>\$ 9,233</b>

  

Cost	Iowa	Illinois	Iowa	Illinois
	SOC Test	TRC Test	SOC Test	TRC Test
	Gross	Gross	Net	Net
	Ex-Ante	Ex-Ante	Ex-Post	Ex-Post
Electric Administrative Cost	\$ 2,346	\$ 2,346	\$ 2,346	\$ 2,346
Electric Participant Cost	\$ 103,303	\$ 103,303	\$ 11,777	\$ 11,777
Gas Administrative Cost	\$ 2,460	\$ 2,460	\$ 2,460	\$ 2,460
Gas Participant Cost	\$ 15,110	\$ 15,110	\$ 3,626	\$ 3,626
<b>Total</b>	<b>\$ 123,219</b>	<b>\$ 123,219</b>	<b>\$ 20,209</b>	<b>\$ 20,209</b>

  

Net Benefits	\$ (35,411)	\$ (62,168)	\$ (6,978)	\$ (10,976)
C/C Ratio	0.71	0.50	0.65	0.46

MidAmerican Energy Company  
 Illinois Energy Efficiency Programs  
 2008-2011 Performance Data

Program: Residential New Construction  
 Year: 2011

	--- Electric ---		--- Gas ---	
	Energy	Peak	Energy	Peak
Realization Rate:	0.12	0.20	0.30	0.40
NTG Ratio:	0.95	0.95	0.80	0.80

  

Benefits	Iowa	Illinois	Iowa	Illinois
	SOC Test	TRC Test	SOC Test	TRC Test
	Gross	Gross	Net	Net
	Ex-Ante	Ex-Ante	Ex-Post	Ex-Post
Avoided Electric Generation Capacity Cost	\$ 31,581	\$ 25,071	\$ 6,000	\$ 4,763
Avoided Electric Transmission Capacity Cost	\$ 4,865	\$ 3,862	\$ 924	\$ 734
Avoided Electric Distribution Capacity Cost	\$ 18,383	\$ 14,592	\$ 3,493	\$ 2,772
Avoided Electric Energy Cost	\$ 227,671	\$ 172,325	\$ 25,954	\$ 19,645
Avoided Gas Capacity Cost	\$ 10,143	\$ 7,886	\$ 3,246	\$ 2,524
Avoided Gas Energy Cost	\$ 95,868	\$ 72,722	\$ 23,008	\$ 17,453
Electric Externalities (10% Adder)	\$ 28,250	\$ -	\$ 3,637	\$ -
Gas Externalities (7.5% Adder)	\$ 7,951	\$ -	\$ 1,969	\$ -
<b>Total</b>	<b>\$ 424,713</b>	<b>\$ 296,458</b>	<b>\$ 68,233</b>	<b>\$ 47,892</b>

  

Cost	Iowa	Illinois	Iowa	Illinois
	SOC Test	TRC Test	SOC Test	TRC Test
	Gross	Gross	Net	Net
	Ex-Ante	Ex-Ante	Ex-Post	Ex-Post
Electric Administrative Cost	\$ 3,640	\$ 3,640	\$ 3,640	\$ 3,640
Electric Participant Cost	\$ 359,303	\$ 359,303	\$ 40,961	\$ 40,961
Gas Administrative Cost	\$ 4,677	\$ 4,677	\$ 4,677	\$ 4,677
Gas Participant Cost	\$ 90,098	\$ 90,098	\$ 21,624	\$ 21,624
<b>Total</b>	<b>\$ 457,718</b>	<b>\$ 457,718</b>	<b>\$ 70,901</b>	<b>\$ 70,901</b>

  

Net Benefits	\$ (33,005)	\$ (161,260)	\$ (2,668)	\$ (23,009)
C/C Ratio	0.93	0.65	0.96	0.68

MidAmerican Energy Company  
Illinois Energy Efficiency Programs  
2008-2011 Performance Data

Program: Residential New Construction  
Year: 2009-2011 (includes partial year 2008 results)

	--- Electric ---		--- Gas ---	
	Energy	Peak	Energy	Peak
Realization Rate:	0.12	0.20	0.30	0.40
NTG Ratio:	0.95	0.95	0.80	0.80

  

Benefits	Iowa		Illinois	
	SOC Test Gross Ex-Ante	TRC Test Gross Ex-Ante	SOC Test Net Ex-Post	TRC Test Net Ex-Post
Avoided Electric Generation Capacity Cost	\$ 80,404	\$ 60,615	\$ 15,277	\$ 11,517
Avoided Electric Transmission Capacity Cost	\$ 12,387	\$ 9,338	\$ 2,353	\$ 1,774
Avoided Electric Distribution Capacity Cost	\$ 46,845	\$ 35,312	\$ 8,901	\$ 6,709
Avoided Electric Energy Cost	\$ 312,754	\$ 225,656	\$ 35,654	\$ 25,725
Avoided Gas Capacity Cost	\$ 23,558	\$ 17,862	\$ 7,539	\$ 5,716
Avoided Gas Energy Cost	\$ 209,383	\$ 155,112	\$ 50,252	\$ 37,227
Electric Externalities (10% Adder)	\$ 46,845	\$ -	\$ 6,218	\$ -
Gas Externalities (7.5% Adder)	\$ -	\$ -	\$ 4,334	\$ -
<b>Total</b>	<b>\$ 732,175</b>	<b>\$ 503,895</b>	<b>\$ 130,528</b>	<b>\$ 88,668</b>

  

Cost	Iowa		Illinois	
	SOC Test Gross Ex-Ante	TRC Test Gross Ex-Ante	SOC Test Net Ex-Post	TRC Test Net Ex-Post
Electric Administrative Cost	\$ 23,702	\$ 23,451	\$ 23,702	\$ 23,451
Electric Participant Cost	\$ 576,522	\$ 555,234	\$ 65,724	\$ 63,297
Gas Administrative Cost	\$ 48,592	\$ 48,284	\$ 48,592	\$ 48,284
Gas Participant Cost	\$ 211,593	\$ 206,550	\$ 50,782	\$ 49,572
<b>Total</b>	<b>\$ 860,408</b>	<b>\$ 833,518</b>	<b>\$ 188,799</b>	<b>\$ 184,603</b>

  

Net Benefits	\$ (128,234)	\$ (329,624)	\$ (58,272)	\$ (95,936)
C/C Ratio	0.85	0.60	0.69	0.48

MidAmerican Energy Company  
 Illinois Energy Efficiency Programs  
 2008-2011 Performance Data

Program: Residential Low Income  
 Year: 2009 (includes partial year 2008 results)

	--- Electric ---		--- Gas ---	
	Energy	Peak	Energy	Peak
Realization Rate:	0.90	1.00	0.90	0.90
NTG Ratio:	0.90	1.00	1.00	1.00

  

Benefits	Iowa	Illinois	Iowa	Illinois
	SOC Test	TRC Test	SOC Test	TRC Test
	Gross	Gross	Net	Net
	Ex-Ante	Ex-Ante	Ex-Post	Ex-Post
Avoided Electric Generation Capacity Cost	\$ 26,344	\$ 19,746	\$ 26,344	\$ 19,746
Avoided Electric Transmission Capacity Cost	\$ 4,059	\$ 3,042	\$ 4,059	\$ 3,042
Avoided Electric Distribution Capacity Cost	\$ 15,632	\$ 11,717	\$ 15,632	\$ 11,717
Avoided Electric Energy Cost	\$ 93,645	\$ 66,994	\$ 75,852	\$ 54,265
Avoided Gas Capacity Cost	\$ 44,867	\$ 34,616	\$ 40,380	\$ 31,154
Avoided Gas Energy Cost	\$ 395,318	\$ 298,429	\$ 355,786	\$ 268,586
Electric Externalities (10% Adder)	\$ 13,968	\$ -	\$ 12,189	\$ -
Gas Externalities (7.5% Adder)	\$ 33,014	\$ -	\$ 29,712	\$ -
<b>Total</b>	<b>\$ 626,847</b>	<b>\$ 434,544</b>	<b>\$ 559,955</b>	<b>\$ 388,510</b>

  

Cost	Iowa	Illinois	Iowa	Illinois
	SOC Test	TRC Test	SOC Test	TRC Test
	Gross	Gross	Net	Net
	Ex-Ante	Ex-Ante	Ex-Post	Ex-Post
Electric Administrative Cost	\$ 17,307	\$ 17,307	\$ 17,307	\$ 17,307
Electric Participant Cost	\$ 22,766	\$ 22,766	\$ 18,440	\$ 18,440
Gas Administrative Cost	\$ 50,078	\$ 50,078	\$ 50,078	\$ 50,078
Gas Participant Cost	\$ 109,137	\$ 109,137	\$ 98,223	\$ 98,223
<b>Total</b>	<b>\$ 199,288</b>	<b>\$ 199,288</b>	<b>\$ 184,049</b>	<b>\$ 184,049</b>

  

Net Benefits	\$ 427,558	\$ 235,255	\$ 375,906	\$ 204,461
C/C Ratio	3.15	2.18	3.04	2.11

MidAmerican Energy Company  
 Illinois Energy Efficiency Programs  
 2008-2011 Performance Data

Program: Residential Low Income  
 Year: 2010

	--- Electric ---		--- Gas ---	
	Energy	Peak	Energy	Peak
Realization Rate:	0.90	1.00	0.90	0.90
NTG Ratio:	0.90	1.00	1.00	1.00

  

Benefits	Iowa	Illinois	Iowa	Illinois
	SOC Test	TRC Test	SOC Test	TRC Test
	Gross	Gross	Net	Net
	Ex-Ante	Ex-Ante	Ex-Post	Ex-Post
Avoided Electric Generation Capacity Cost	\$ 9,004	\$ 7,006	\$ 9,004	\$ 7,006
Avoided Electric Transmission Capacity Cost	\$ 1,387	\$ 1,079	\$ 1,387	\$ 1,079
Avoided Electric Distribution Capacity Cost	\$ 5,288	\$ 4,105	\$ 5,288	\$ 4,105
Avoided Electric Energy Cost	\$ 64,763	\$ 54,578	\$ 52,458	\$ 44,208
Avoided Gas Capacity Cost	\$ 26,999	\$ 20,889	\$ 24,299	\$ 18,800
Avoided Gas Energy Cost	\$ 253,217	\$ 195,409	\$ 227,895	\$ 175,868
Electric Externalities (10% Adder)	\$ 8,044	\$ -	\$ 6,814	\$ -
Gas Externalities (7.5% Adder)	\$ 21,016	\$ -	\$ 18,915	\$ -
<b>Total</b>	<b>\$ 389,717</b>	<b>\$ 283,066</b>	<b>\$ 346,059</b>	<b>\$ 251,066</b>

  

Cost	Iowa	Illinois	Iowa	Illinois
	SOC Test	TRC Test	SOC Test	TRC Test
	Gross	Gross	Net	Net
	Ex-Ante	Ex-Ante	Ex-Post	Ex-Post
Electric Administrative Cost	\$ 7,485	\$ 7,485	\$ 7,485	\$ 7,485
Electric Participant Cost	\$ 31,841	\$ 31,841	\$ 25,791	\$ 25,791
Gas Administrative Cost	\$ 22,216	\$ 22,216	\$ 22,216	\$ 22,216
Gas Participant Cost	\$ 83,516	\$ 83,516	\$ 75,164	\$ 75,164
<b>Total</b>	<b>\$ 145,058</b>	<b>\$ 145,058</b>	<b>\$ 130,657</b>	<b>\$ 130,657</b>

  

Net Benefits	\$ 244,659	\$ 138,008	\$ 215,402	\$ 120,410
C/C Ratio	2.69	1.95	2.65	1.92

MidAmerican Energy Company  
Illinois Energy Efficiency Programs  
2008-2011 Performance Data

Program: Residential Low Income  
Year: 2011

	--- Electric ---		--- Gas ---	
	Energy	Peak	Energy	Peak
Realization Rate:	0.90	1.00	0.90	0.90
NTG Ratio:	0.90	1.00	1.00	1.00

  

Benefits	Iowa	Illinois	Iowa	Illinois
	SOC Test	TRC Test	SOC Test	TRC Test
	Gross	Gross	Net	Net
	Ex-Ante	Ex-Ante	Ex-Post	Ex-Post
Avoided Electric Generation Capacity Cost	\$ 1,809	\$ 1,539	\$ 1,809	\$ 1,539
Avoided Electric Transmission Capacity Cost	\$ 279	\$ 237	\$ 279	\$ 237
Avoided Electric Distribution Capacity Cost	\$ 1,035	\$ 876	\$ 1,035	\$ 876
Avoided Electric Energy Cost	\$ 11,470	\$ 10,063	\$ 9,291	\$ 8,151
Avoided Gas Capacity Cost	\$ 1,760	\$ 1,399	\$ 1,584	\$ 1,259
Avoided Gas Energy Cost	\$ 30,407	\$ 26,222	\$ 27,366	\$ 23,600
Electric Externalities (10% Adder)	\$ 1,459	\$ -	\$ 1,241	\$ -
Gas Externalities (7.5% Adder)	\$ 2,412	\$ -	\$ 2,171	\$ -
<b>Total</b>	<b>\$ 50,631</b>	<b>\$ 40,337</b>	<b>\$ 44,776</b>	<b>\$ 35,663</b>

  

Cost	Iowa	Illinois	Iowa	Illinois
	SOC Test	TRC Test	SOC Test	TRC Test
	Gross	Gross	Net	Net
	Ex-Ante	Ex-Ante	Ex-Post	Ex-Post
Electric Administrative Cost	\$ 2,036	\$ 2,036	\$ 2,036	\$ 2,036
Electric Participant Cost	\$ 8,147	\$ 8,147	\$ 6,599	\$ 6,599
MidAmerican Energy Company	\$ 8,256	\$ 8,256	\$ 8,256	\$ 8,256
Response 1.07	\$ 30,277	\$ 30,277	\$ 27,250	\$ 27,250
<b>Total</b>	<b>\$ 48,717</b>	<b>\$ 48,717</b>	<b>\$ 44,141</b>	<b>\$ 44,141</b>

  

Net Benefits	\$ 1,915	\$ (8,379)	\$ 635	\$ (8,478)
C/C Ratio	1.04	0.83	1.01	0.81

MidAmerican Energy Company  
Illinois Energy Efficiency Programs  
2008-2011 Performance Data

Program: Residential Low Income  
Year: 2009-2011 (includes partial year 2008 results)

	--- Electric ---		--- Gas ---	
	Energy	Peak	Energy	Peak
Realization Rate:	0.90	1.00	0.90	0.90
NTG Ratio:	0.90	1.00	1.00	1.00

  

Benefits	Iowa	Illinois	Iowa	Illinois
	SOC Test	TRC Test	SOC Test	TRC Test
	Gross	Gross	Net	Net
	Ex-Ante	Ex-Ante	Ex-Post	Ex-Post
Avoided Electric Generation Capacity Cost	\$ 36,582	\$ 27,561	\$ 36,582	\$ 27,561
Avoided Electric Transmission Capacity Cost	\$ 5,636	\$ 4,246	\$ 5,636	\$ 4,246
Avoided Electric Distribution Capacity Cost	\$ 21,619	\$ 16,274	\$ 21,619	\$ 16,274
Avoided Electric Energy Cost	\$ 165,878	\$ 126,219	\$ 134,361	\$ 102,238
Avoided Gas Capacity Cost	\$ 72,229	\$ 55,177	\$ 65,006	\$ 49,660
Avoided Gas Energy Cost	\$ 664,594	\$ 502,054	\$ 598,135	\$ 451,848
Electric Externalities (10% Adder)	\$ 21,619	\$ -	\$ 19,820	\$ -
Gas Externalities (7.5% Adder)	\$ -	\$ -	\$ 49,736	\$ -
<b>Total</b>	<b>\$ 988,155</b>	<b>\$ 731,532</b>	<b>\$ 930,893</b>	<b>\$ 651,827</b>

  

Cost	Iowa	Illinois	Iowa	Illinois
	SOC Test	TRC Test	SOC Test	TRC Test
	Gross	Gross	Net	Net
	Ex-Ante	Ex-Ante	Ex-Post	Ex-Post
Electric Administrative Cost	\$ 26,302	\$ 25,993	\$ 26,302	\$ 25,993
Electric Participant Cost	\$ 60,562	\$ 59,274	\$ 49,056	\$ 48,012
Gas Administrative Cost	\$ 78,790	\$ 77,759	\$ 78,790	\$ 77,759
Gas Participant Cost	\$ 216,382	\$ 212,544	\$ 194,744	\$ 191,290
<b>Total</b>	<b>\$ 382,037</b>	<b>\$ 375,570</b>	<b>\$ 348,892</b>	<b>\$ 343,053</b>

  

Net Benefits	\$ 606,118	\$ 355,962	\$ 582,001	\$ 308,773
C/C Ratio	2.59	1.95	2.67	1.90

MidAmerican Energy Company  
 Illinois Energy Efficiency Programs  
 2008-2011 Performance Data

Program: Nonresidential Equipment  
 Year: 2009 (includes partial year 2008 results)

	--- Electric ---		--- Gas ---	
	Energy	Peak	Energy	Peak
Realization Rate:	0.87	1.05	0.83	0.67
NTG Ratio:	0.69	0.70	0.58	0.54

  

Benefits	Iowa	Illinois	Iowa	Illinois
	SOC Test	TRC Test	SOC Test	TRC Test
	Gross	Gross	Net	Net
	Ex-Ante	Ex-Ante	Ex-Post	Ex-Post
Avoided Electric Generation Capacity Cost	\$ 308,794	\$ 269,223	\$ 226,964	\$ 197,879
Avoided Electric Transmission Capacity Cost	\$ 47,572	\$ 41,476	\$ 34,965	\$ 30,485
Avoided Electric Distribution Capacity Cost	\$ 170,125	\$ 148,373	\$ 125,042	\$ 109,054
Avoided Electric Energy Cost	\$ 1,086,773	\$ 927,626	\$ 652,390	\$ 556,854
Avoided Gas Capacity Cost	\$ 9,547	\$ 7,664	\$ 3,454	\$ 2,773
Avoided Gas Energy Cost	\$ 351,384	\$ 268,978	\$ 169,156	\$ 129,486
Electric Externalities (10% Adder)	\$ 161,326	\$ -	\$ 103,936	\$ -
Gas Externalities (7.5% Adder)	\$ 27,070	\$ -	\$ 12,946	\$ -
<b>Total</b>	<b>\$ 2,162,591</b>	<b>\$ 1,663,341</b>	<b>\$ 1,328,853</b>	<b>\$ 1,026,531</b>

  

Cost	Iowa	Illinois	Iowa	Illinois
	SOC Test	TRC Test	SOC Test	TRC Test
	Gross	Gross	Net	Net
	Ex-Ante	Ex-Ante	Ex-Post	Ex-Post
Electric Administrative Cost	\$ 107,671	\$ 107,671	\$ 107,671	\$ 107,671
Electric Participant Cost	\$ 765,797	\$ 765,797	\$ 459,708	\$ 459,708
Gas Administrative Cost	\$ 25,161	\$ 25,161	\$ 25,161	\$ 25,161
Gas Participant Cost	\$ 190,472	\$ 190,472	\$ 91,693	\$ 91,693
<b>Total</b>	<b>\$ 1,089,102</b>	<b>\$ 1,089,102</b>	<b>\$ 684,233</b>	<b>\$ 684,233</b>

  

Net Benefits	\$ 1,073,489	\$ 574,239	\$ 644,619	\$ 342,298
--------------	--------------	------------	------------	------------

  

C/C Ratio	1.99	1.53	1.94	1.50
-----------	------	------	------	------

MidAmerican Energy Company  
 Illinois Energy Efficiency Programs  
 2008-2011 Performance Data

Program: Nonresidential Equipment  
 Year: 2010

	--- Electric ---		--- Gas ---	
	Energy	Peak	Energy	Peak
Realization Rate:	0.87	1.05	0.83	0.67
NTG Ratio:	0.69	0.70	0.58	0.54

  

Benefits	Iowa	Illinois	Iowa	Illinois
	SOC Test	TRC Test	SOC Test	TRC Test
	Gross	Gross	Net	Net
	Ex-Ante	Ex-Ante	Ex-Post	Ex-Post
Avoided Electric Generation Capacity Cost	\$ 214,938	\$ 188,976	\$ 157,980	\$ 138,897
Avoided Electric Transmission Capacity Cost	\$ 33,113	\$ 29,113	\$ 24,338	\$ 21,398
Avoided Electric Distribution Capacity Cost	\$ 118,264	\$ 104,005	\$ 86,924	\$ 76,443
Avoided Electric Energy Cost	\$ 807,141	\$ 698,068	\$ 484,527	\$ 419,050
Avoided Gas Capacity Cost	\$ 5,543	\$ 4,523	\$ 2,005	\$ 1,636
Avoided Gas Energy Cost	\$ 96,409	\$ 75,333	\$ 46,411	\$ 36,265
Electric Externalities (10% Adder)	\$ 117,346	\$ -	\$ 75,377	\$ -
Gas Externalities (7.5% Adder)	\$ 7,646	\$ -	\$ 3,631	\$ -
<b>Total</b>	<b>\$ 1,400,399</b>	<b>\$ 1,100,017</b>	<b>\$ 881,192</b>	<b>\$ 693,691</b>

  

Cost	Iowa	Illinois	Iowa	Illinois
	SOC Test	TRC Test	SOC Test	TRC Test
	Gross	Gross	Net	Net
	Ex-Ante	Ex-Ante	Ex-Post	Ex-Post
Electric Administrative Cost	\$ 29,650	\$ 29,650	\$ 29,650	\$ 29,650
Electric Participant Cost	\$ 592,339	\$ 592,339	\$ 355,581	\$ 355,581
Gas Administrative Cost	\$ 9,276	\$ 9,276	\$ 9,276	\$ 9,276
Gas Participant Cost	\$ 33,905	\$ 33,905	\$ 16,322	\$ 16,322
<b>Total</b>	<b>\$ 665,171</b>	<b>\$ 665,171</b>	<b>\$ 410,829</b>	<b>\$ 410,829</b>

  

Net Benefits	\$ 735,228	\$ 434,847	\$ 470,363	\$ 282,861
C/C Ratio	2.11	1.65	2.14	1.69

MidAmerican Energy Company  
Illinois Energy Efficiency Programs  
2008-2011 Performance Data

Program: Nonresidential Equipment  
Year: 2011

	--- Electric ---		--- Gas ---	
	Energy	Peak	Energy	Peak
Realization Rate:	0.87	1.05	0.83	0.67
NTG Ratio:	0.69	0.70	0.58	0.54

  

Benefits	Iowa		Illinois	
	SOC Test Gross Ex-Ante	TRC Test Gross Ex-Ante	SOC Test Net Ex-Post	TRC Test Net Ex-Post
Avoided Electric Generation Capacity Cost	\$ 380,343	\$ 323,785	\$ 279,552	\$ 237,982
Avoided Electric Transmission Capacity Cost	\$ 58,594	\$ 49,881	\$ 43,067	\$ 36,663
Avoided Electric Distribution Capacity Cost	\$ 209,412	\$ 178,302	\$ 153,918	\$ 131,052
Avoided Electric Energy Cost	\$ 1,750,628	\$ 1,467,607	\$ 1,050,902	\$ 881,004
Avoided Gas Capacity Cost	\$ 21,693	\$ 17,181	\$ 7,849	\$ 6,216
Avoided Gas Energy Cost	\$ 322,664	\$ 248,169	\$ 155,330	\$ 119,468
Electric Externalities (10% Adder)	\$ 239,898	\$ -	\$ 152,744	\$ -
Gas Externalities (7.5% Adder)	\$ 25,827	\$ -	\$ 12,238	\$ -
<b>Total</b>	<b>\$ 3,009,059</b>	<b>\$ 2,284,926</b>	<b>\$ 1,855,600</b>	<b>\$ 1,412,386</b>

  

Cost	Iowa		Illinois	
	SOC Test Gross Ex-Ante	TRC Test Gross Ex-Ante	SOC Test Net Ex-Post	TRC Test Net Ex-Post
Electric Administrative Cost	\$ 51,464	\$ 51,464	\$ 51,464	\$ 51,464
Electric Participant Cost	\$ 1,375,327	\$ 1,375,327	\$ 825,609	\$ 825,609
Gas Administrative Cost	\$ 20,800	\$ 20,800	\$ 20,800	\$ 20,800
Gas Participant Cost	\$ 154,858	\$ 154,858	\$ 74,549	\$ 74,549
<b>Total</b>	<b>\$ 1,602,449</b>	<b>\$ 1,602,449</b>	<b>\$ 972,421</b>	<b>\$ 972,421</b>

  

Net Benefits	\$ 1,406,610	\$ 682,477	\$ 883,179	\$ 439,965
C/C Ratio	1.88	1.43	1.91	1.45

MidAmerican Energy Company  
Illinois Energy Efficiency Programs  
2008-2011 Performance Data

Program: Nonresidential Equipment  
Year: 2009-2011 (includes partial year 2008 results)

	--- Electric ---		--- Gas ---	
	Energy	Peak	Energy	Peak
Realization Rate:	0.87	1.05	0.83	0.67
NTG Ratio:	0.69	0.70	0.58	0.54

  

Benefits	Iowa		Illinois	
	SOC Test	TRC Test	SOC Test	TRC Test
	Gross Ex-Ante	Gross Ex-Ante	Net Ex-Post	Net Ex-Post
Avoided Electric Generation Capacity Cost	\$ 860,102	\$ 722,472	\$ 632,175	\$ 531,017
Avoided Electric Transmission Capacity Cost	\$ 132,504	\$ 111,302	\$ 97,391	\$ 81,807
Avoided Electric Distribution Capacity Cost	\$ 473,594	\$ 397,912	\$ 348,092	\$ 292,465
Avoided Electric Energy Cost	\$ 3,450,506	\$ 2,835,154	\$ 2,071,338	\$ 1,701,943
Avoided Gas Capacity Cost	\$ 34,583	\$ 26,614	\$ 12,512	\$ 9,629
Avoided Gas Energy Cost	\$ 737,096	\$ 551,954	\$ 354,838	\$ 265,711
Electric Externalities (10% Adder)	\$ 473,594	\$ -	\$ 314,900	\$ -
Gas Externalities (7.5% Adder)	\$ -	\$ -	\$ 27,551	\$ -
<b>Total</b>	<b>\$ 6,161,979</b>	<b>\$ 4,645,407</b>	<b>\$ 3,858,797</b>	<b>\$ 2,882,571</b>

  

Cost	Iowa		Illinois	
	SOC Test	TRC Test	SOC Test	TRC Test
Electric Administrative Cost	\$ 182,809	\$ 179,354	\$ 182,809	\$ 179,354
Electric Participant Cost	\$ 2,582,941	\$ 2,496,075	\$ 1,550,540	\$ 1,498,394
Gas Administrative Cost	\$ 52,946	\$ 51,624	\$ 52,946	\$ 51,624
Gas Participant Cost	\$ 363,792	\$ 354,907	\$ 175,130	\$ 170,852
<b>Total</b>	<b>\$ 3,182,488</b>	<b>\$ 3,081,960</b>	<b>\$ 1,961,424</b>	<b>\$ 1,900,224</b>

  

Net Benefits	\$ 2,979,491	\$ 1,563,447	\$ 1,897,373	\$ 982,347
--------------	--------------	--------------	--------------	------------

  

C/C Ratio	1.94	1.51	1.97	1.52
-----------	------	------	------	------

MidAmerican Energy Company  
 Illinois Energy Efficiency Programs  
 2008-2011 Performance Data

Program: Small Commercial Audit  
 Year: 2009 (includes partial year 2008 results)

	--- Electric ---		--- Gas ---	
	Energy	Peak	Energy	Peak
Realization Rate:	0.93	0.92	1.16	1.00
NTG Ratio:	0.84	0.84	0.91	0.90

  

Benefits	Iowa		Illinois	
	SOC Test Gross Ex-Ante	TRC Test Gross Ex-Ante	SOC Test Net Ex-Post	TRC Test Net Ex-Post
Avoided Electric Generation Capacity Cost	\$ 51,300	\$ 44,805	\$ 39,644	\$ 34,625
Avoided Electric Transmission Capacity Cost	\$ 7,903	\$ 6,902	\$ 6,107	\$ 5,334
Avoided Electric Distribution Capacity Cost	\$ 28,688	\$ 25,100	\$ 22,170	\$ 19,397
Avoided Electric Energy Cost	\$ 170,034	\$ 146,608	\$ 132,830	\$ 114,530
Avoided Gas Capacity Cost	\$ 11,098	\$ 8,890	\$ 9,988	\$ 8,001
Avoided Gas Energy Cost	\$ 241,040	\$ 193,093	\$ 254,442	\$ 203,829
Electric Externalities (10% Adder)	\$ 25,792	\$ -	\$ 20,075	\$ -
Gas Externalities (7.5% Adder)	\$ 18,910	\$ -	\$ 19,832	\$ -
<b>Total</b>	<b>\$ 554,765</b>	<b>\$ 425,397</b>	<b>\$ 505,090</b>	<b>\$ 385,716</b>

  

Cost	Iowa		Illinois	
	SOC Test Gross Ex-Ante	TRC Test Gross Ex-Ante	SOC Test Net Ex-Post	TRC Test Net Ex-Post
Electric Administrative Cost	\$ 59,097	\$ 59,097	\$ 59,097	\$ 59,097
Electric Participant Cost	\$ 291,084	\$ 291,084	\$ 227,395	\$ 227,395
Gas Administrative Cost	\$ 51,791	\$ 51,791	\$ 51,791	\$ 51,791
Gas Participant Cost	\$ 111,941	\$ 111,941	\$ 118,165	\$ 118,165
<b>Total</b>	<b>\$ 513,913</b>	<b>\$ 513,913</b>	<b>\$ 456,448</b>	<b>\$ 456,448</b>

  

Net Benefits	\$ 40,852	\$ (88,516)	\$ 48,642	\$ (70,732)
C/C Ratio	1.08	0.83	1.11	0.85

MidAmerican Energy Company  
 Illinois Energy Efficiency Programs  
 2008-2011 Performance Data

Program: Small Commercial Audit  
 Year: 2010

	--- Electric ---		--- Gas ---	
	Energy	Peak	Energy	Peak
Realization Rate:	0.93	0.92	1.16	1.00
NTG Ratio:	0.84	0.84	0.91	0.90

  

Benefits	Iowa	Illinois	Iowa	Illinois
	SOC Test	TRC Test	SOC Test	TRC Test
	Gross	Gross	Net	Net
	Ex-Ante	Ex-Ante	Ex-Post	Ex-Post
Avoided Electric Generation Capacity Cost	\$ 62,549	\$ 54,030	\$ 48,338	\$ 41,754
Avoided Electric Transmission Capacity Cost	\$ 9,636	\$ 8,324	\$ 7,447	\$ 6,433
Avoided Electric Distribution Capacity Cost	\$ 33,086	\$ 28,649	\$ 25,569	\$ 22,140
Avoided Electric Energy Cost	\$ 197,168	\$ 168,909	\$ 154,028	\$ 131,952
Avoided Gas Capacity Cost	\$ 10,325	\$ 8,110	\$ 9,293	\$ 7,299
Avoided Gas Energy Cost	\$ 202,624	\$ 155,904	\$ 213,890	\$ 164,572
Electric Externalities (10% Adder)	\$ 30,244	\$ -	\$ 23,538	\$ -
Gas Externalities (7.5% Adder)	\$ 15,971	\$ -	\$ 16,739	\$ -
<b>Total</b>	<b>\$ 561,603</b>	<b>\$ 423,926</b>	<b>\$ 498,840</b>	<b>\$ 374,150</b>

  

Cost	Iowa	Illinois	Iowa	Illinois
	SOC Test	TRC Test	SOC Test	TRC Test
	Gross	Gross	Net	Net
	Ex-Ante	Ex-Ante	Ex-Post	Ex-Post
Electric Administrative Cost	\$ 37,891	\$ 37,891	\$ 37,891	\$ 37,891
Electric Participant Cost	\$ 282,629	\$ 282,629	\$ 220,790	\$ 220,790
Gas Administrative Cost	\$ 20,695	\$ 20,695	\$ 20,695	\$ 20,695
Gas Participant Cost	\$ 65,855	\$ 65,855	\$ 69,516	\$ 69,516
<b>Total</b>	<b>\$ 407,070</b>	<b>\$ 407,070</b>	<b>\$ 348,892</b>	<b>\$ 348,892</b>

  

Net Benefits	\$ 154,534	\$ 16,856	\$ 149,948	\$ 25,258
C/C Ratio	1.38	1.04	1.43	1.07

MidAmerican Energy Company  
Illinois Energy Efficiency Programs  
2008-2011 Performance Data

Program: Small Commercial Audit  
Year: 2011

	--- Electric ---		--- Gas ---	
	Energy	Peak	Energy	Peak
Realization Rate:	0.93	0.92	1.16	1.00
NTG Ratio:	0.84	0.84	0.91	0.90

  

Benefits	Iowa	Illinois	Iowa	Illinois
	SOC Test	TRC Test	SOC Test	TRC Test
	Gross	Gross	Net	Net
	Ex-Ante	Ex-Ante	Ex-Post	Ex-Post
Avoided Electric Generation Capacity Cost	\$ 62,394	\$ 54,024	\$ 48,218	\$ 41,750
Avoided Electric Transmission Capacity Cost	\$ 9,612	\$ 8,323	\$ 7,428	\$ 6,432
Avoided Electric Distribution Capacity Cost	\$ 34,298	\$ 29,799	\$ 26,506	\$ 23,029
Avoided Electric Energy Cost	\$ 251,518	\$ 212,560	\$ 196,485	\$ 166,052
Avoided Gas Capacity Cost	\$ 8,844	\$ 6,949	\$ 7,960	\$ 6,254
Avoided Gas Energy Cost	\$ 206,973	\$ 160,055	\$ 218,480	\$ 168,954
Electric Externalities (10% Adder)	\$ 35,782	\$ -	\$ 27,864	\$ -
Gas Externalities (7.5% Adder)	\$ 16,186	\$ -	\$ 16,983	\$ -
<b>Total</b>	<b>\$ 625,608</b>	<b>\$ 471,710</b>	<b>\$ 549,925</b>	<b>\$ 412,470</b>

  

Cost	Iowa	Illinois	Iowa	Illinois
	SOC Test	TRC Test	SOC Test	TRC Test
	Gross	Gross	Net	Net
	Ex-Ante	Ex-Ante	Ex-Post	Ex-Post
Electric Administrative Cost	\$ 39,398	\$ 39,398	\$ 39,398	\$ 39,398
Electric Participant Cost	\$ 261,326	\$ 261,326	\$ 204,148	\$ 204,148
Gas Administrative Cost	\$ 24,199	\$ 24,199	\$ 24,199	\$ 24,199
Gas Participant Cost	\$ 223,386	\$ 223,386	\$ 235,806	\$ 235,806
<b>Total</b>	<b>\$ 548,309</b>	<b>\$ 548,309</b>	<b>\$ 503,551</b>	<b>\$ 503,551</b>

  

Net Benefits	\$ 77,299	\$ (76,599)	\$ 46,374	\$ (91,081)
C/C Ratio	1.14	0.86	1.09	0.82

MidAmerican Energy Company  
Illinois Energy Efficiency Programs  
2008-2011 Performance Data

Program: Small Commercial Audit  
Year: 2009-2011 (includes partial year 2008 results)

	--- Electric ---		--- Gas ---	
	Energy	Peak	Energy	Peak
Realization Rate:	0.93	0.92	1.16	1.00
NTG Ratio:	0.84	0.84	0.91	0.90

  

Benefits	Iowa		Illinois	
	SOC Test	TRC Test	SOC Test	TRC Test
	Gross Ex-Ante	Gross Ex-Ante	Net Ex-Post	Net Ex-Post
Avoided Electric Generation Capacity Cost	\$ 167,777	\$ 141,282	\$ 129,658	\$ 109,183
Avoided Electric Transmission Capacity Cost	\$ 25,847	\$ 21,766	\$ 19,975	\$ 16,820
Avoided Electric Distribution Capacity Cost	\$ 91,477	\$ 77,246	\$ 70,694	\$ 59,696
Avoided Electric Energy Cost	\$ 587,115	\$ 485,724	\$ 458,654	\$ 379,447
Avoided Gas Capacity Cost	\$ 29,000	\$ 22,375	\$ 26,100	\$ 20,137
Avoided Gas Energy Cost	\$ 622,777	\$ 475,058	\$ 657,403	\$ 501,471
Electric Externalities (10% Adder)	\$ 91,477	\$ -	\$ 67,898	\$ -
Gas Externalities (7.5% Adder)	\$ -	\$ -	\$ 51,263	\$ -
<b>Total</b>	<b>\$ 1,615,472</b>	<b>\$ 1,223,450</b>	<b>\$ 1,481,645</b>	<b>\$ 1,086,755</b>

  

Cost	Iowa		Illinois	
	SOC Test	TRC Test	SOC Test	TRC Test
Electric Administrative Cost	\$ 131,114	\$ 128,054	\$ 131,114	\$ 128,054
Electric Participant Cost	\$ 798,633	\$ 777,480	\$ 623,892	\$ 607,368
Gas Administrative Cost	\$ 93,565	\$ 91,756	\$ 93,565	\$ 91,756
Gas Participant Cost	\$ 378,127	\$ 364,847	\$ 399,151	\$ 385,133
<b>Total</b>	<b>\$ 1,401,439</b>	<b>\$ 1,362,137</b>	<b>\$ 1,247,722</b>	<b>\$ 1,212,310</b>

  

Net Benefits	\$ 214,033	\$ (138,687)	\$ 233,924	\$ (125,555)
--------------	------------	--------------	------------	--------------

  

C/C Ratio	1.15	0.90	1.19	0.90
-----------	------	------	------	------

MidAmerican Energy Company  
Illinois Energy Efficiency Programs  
2008-2011 Performance Data

Program: Nonresidential Energy Analysis  
Year: 2009 (includes partial year 2008 results)

	--- Electric ---		--- Gas ---	
	Energy	Peak	Energy	Peak
Realization Rate:	1.22	1.75	1.14	1.00
NTG Ratio:	0.63	0.64	0.80	0.80

  

Benefits	Iowa		Illinois	
	SOC Test Gross Ex-Ante	TRC Test Gross Ex-Ante	Iowa SOC Test Net Ex-Post	Illinois TRC Test Net Ex-Post
Avoided Electric Generation Capacity Cost	\$ 107,303	\$ 95,073	\$ 120,180	\$ 106,481
Avoided Electric Transmission Capacity Cost	\$ 16,531	\$ 14,647	\$ 18,514	\$ 16,404
Avoided Electric Distribution Capacity Cost	\$ -	\$ -	\$ -	\$ -
Avoided Electric Energy Cost	\$ 487,213	\$ 423,519	\$ 374,472	\$ 325,517
Avoided Gas Capacity Cost	\$ -	\$ -	\$ -	\$ -
Avoided Gas Energy Cost	\$ 59,246	\$ 47,070	\$ 54,032	\$ 42,928
Electric Externalities (10% Adder)	\$ 61,105	\$ -	\$ 51,317	\$ -
Gas Externalities (7.5% Adder)	\$ 4,443	\$ -	\$ 4,052	\$ -
<b>Total</b>	<b>\$ 735,841</b>	<b>\$ 580,308</b>	<b>\$ 622,567</b>	<b>\$ 491,330</b>

  

Cost	Iowa		Illinois	
	SOC Test Gross Ex-Ante	TRC Test Gross Ex-Ante	Iowa SOC Test Net Ex-Post	Illinois TRC Test Net Ex-Post
Electric Administrative Cost	\$ 130,870	\$ 130,870	\$ 130,870	\$ 130,870
Electric Participant Cost	\$ 491,378	\$ 491,378	\$ 377,673	\$ 377,673
Gas Administrative Cost	\$ 21,305	\$ 21,305	\$ 21,305	\$ 21,305
Gas Participant Cost	\$ 89,671	\$ 89,671	\$ 81,780	\$ 81,780
<b>Total</b>	<b>\$ 733,224</b>	<b>\$ 733,224</b>	<b>\$ 611,628</b>	<b>\$ 611,628</b>

  

Net Benefits	\$ 2,617	\$ (152,916)	\$ 10,939	\$ (120,298)
C/C Ratio	1.00	0.79	1.02	0.80

MidAmerican Energy Company  
 Illinois Energy Efficiency Programs  
 2008-2011 Performance Data

Program: Nonresidential Energy Analysis  
 Year: 2010

	--- Electric ---		--- Gas ---	
	Energy	Peak	Energy	Peak
Realization Rate:	1.22	1.75	1.14	1.00
NTG Ratio:	0.63	0.64	0.80	0.80

  

Benefits	Iowa	Illinois	Iowa	Illinois
	SOC Test	TRC Test	SOC Test	TRC Test
	Gross	Gross	Net	Net
	Ex-Ante	Ex-Ante	Ex-Post	Ex-Post
Avoided Electric Generation Capacity Cost	\$ 375,890	\$ 314,403	\$ 420,997	\$ 352,131
Avoided Electric Transmission Capacity Cost	\$ 57,908	\$ 48,436	\$ 64,857	\$ 54,248
Avoided Electric Distribution Capacity Cost	\$ -	\$ -	\$ -	\$ -
Avoided Electric Energy Cost	\$ 2,558,216	\$ 2,071,075	\$ 1,966,245	\$ 1,591,828
Avoided Gas Capacity Cost	\$ 174,367	\$ 140,647	\$ 139,494	\$ 112,518
Avoided Gas Energy Cost	\$ 3,274,206	\$ 2,599,746	\$ 2,986,076	\$ 2,370,969
Electric Externalities (10% Adder)	\$ 299,201	\$ -	\$ 245,210	\$ -
Gas Externalities (7.5% Adder)	\$ 258,643	\$ -	\$ 234,418	\$ -
<b>Total</b>	<b>\$ 6,998,432</b>	<b>\$ 5,174,307</b>	<b>\$ 6,057,296</b>	<b>\$ 4,481,694</b>

  

Cost	Iowa	Illinois	Iowa	Illinois
	SOC Test	TRC Test	SOC Test	TRC Test
	Gross	Gross	Net	Net
	Ex-Ante	Ex-Ante	Ex-Post	Ex-Post
Electric Administrative Cost	\$ 62,048	\$ 62,048	\$ 62,048	\$ 62,048
Electric Participant Cost	\$ 1,940,450	\$ 1,940,450	\$ 1,491,430	\$ 1,491,430
Gas Administrative Cost	\$ 50,643	\$ 50,643	\$ 50,643	\$ 50,643
Gas Participant Cost	\$ 1,685,123	\$ 1,685,123	\$ 1,536,832	\$ 1,536,832
<b>Total</b>	<b>\$ 3,738,264</b>	<b>\$ 3,738,264</b>	<b>\$ 3,140,953</b>	<b>\$ 3,140,953</b>

  

Net Benefits	\$ 3,260,168	\$ 1,436,043	\$ 2,916,343	\$ 1,340,740
--------------	--------------	--------------	--------------	--------------

  

C/C Ratio	1.87	1.38	1.93	1.43
-----------	------	------	------	------

MidAmerican Energy Company  
 Illinois Energy Efficiency Programs  
 2008-2011 Performance Data

Program: Nonresidential Energy Analysis  
 Year: 2011

	--- Electric ---		--- Gas ---	
	Energy	Peak	Energy	Peak
Realization Rate:	1.22	1.75	1.14	1.00
NTG Ratio:	0.63	0.64	0.80	0.80

  

Benefits	Iowa		Illinois	
	SOC Test Gross Ex-Ante	TRC Test Gross Ex-Ante	SOC Test Net Ex-Post	TRC Test Net Ex-Post
Avoided Electric Generation Capacity Cost	\$ 235,306	\$ 202,063	\$ 263,542	\$ 226,311
Avoided Electric Transmission Capacity Cost	\$ 36,250	\$ 31,129	\$ 40,600	\$ 34,865
Avoided Electric Distribution Capacity Cost	\$ -	\$ -	\$ -	\$ -
Avoided Electric Energy Cost	\$ 2,252,952	\$ 1,917,260	\$ 1,731,619	\$ 1,473,606
Avoided Gas Capacity Cost	\$ 11,440	\$ 9,198	\$ 9,152	\$ 7,359
Avoided Gas Energy Cost	\$ 224,051	\$ 176,710	\$ 204,334	\$ 161,160
Electric Externalities (10% Adder)	\$ 252,451	\$ -	\$ 203,576	\$ -
Gas Externalities (7.5% Adder)	\$ 17,662	\$ -	\$ 16,011	\$ -
<b>Total</b>	<b>\$ 3,030,111</b>	<b>\$ 2,336,361</b>	<b>\$ 2,468,836</b>	<b>\$ 1,903,300</b>

  

Cost	Iowa		Illinois	
	SOC Test Gross Ex-Ante	TRC Test Gross Ex-Ante	SOC Test Net Ex-Post	TRC Test Net Ex-Post
Electric Administrative Cost	\$ 144,527	\$ 144,527	\$ 144,527	\$ 144,527
Electric Participant Cost	\$ 1,285,882	\$ 1,285,882	\$ 988,329	\$ 988,329
Gas Administrative Cost	\$ 26,089	\$ 26,089	\$ 26,089	\$ 26,089
Gas Participant Cost	\$ 179,719	\$ 179,719	\$ 163,904	\$ 163,904
<b>Total</b>	<b>\$ 1,636,217</b>	<b>\$ 1,636,217</b>	<b>\$ 1,322,849</b>	<b>\$ 1,322,849</b>

  

Net Benefits	\$ 1,393,894	\$ 700,144	\$ 1,145,987	\$ 580,451
C/C Ratio	1.85	1.43	1.87	1.44

MidAmerican Energy Company  
Illinois Energy Efficiency Programs  
2008-2011 Performance Data

Program: Nonresidential Energy Analysis  
Year: 2009-2011 (includes partial year 2008 results)

	--- Electric ---		--- Gas ---	
	Energy	Peak	Energy	Peak
Realization Rate:	1.22	1.75	1.14	1.00
NTG Ratio:	0.63	0.64	0.80	0.80

  

Benefits	Iowa	Illinois	Iowa	Illinois
	SOC Test	TRC Test	SOC Test	TRC Test
	Gross Ex-Ante	Gross Ex-Ante	Net Ex-Post	Net Ex-Post
Avoided Electric Generation Capacity Cost	\$ 680,146	\$ 560,014	\$ 761,764	\$ 627,216
Avoided Electric Transmission Capacity Cost	\$ 104,781	\$ 86,274	\$ 117,355	\$ 96,627
Avoided Electric Distribution Capacity Cost	\$ -	\$ -	\$ -	\$ -
Avoided Electric Energy Cost	\$ 4,978,935	\$ 3,989,748	\$ 3,826,809	\$ 3,066,520
Avoided Gas Capacity Cost	\$ 176,780	\$ 138,250	\$ 141,424	\$ 110,600
Avoided Gas Energy Cost	\$ 3,387,148	\$ 2,608,255	\$ 3,089,079	\$ 2,378,729
Electric Externalities (10% Adder)	\$ -	\$ -	\$ 470,593	\$ -
Gas Externalities (7.5% Adder)	\$ -	\$ -	\$ 242,288	\$ -
<b>Total</b>	<b>\$ 9,327,790</b>	<b>\$ 7,382,541</b>	<b>\$ 8,649,311</b>	<b>\$ 6,279,691</b>

  

Cost	Iowa	Illinois	Iowa	Illinois
	SOC Test	TRC Test	SOC Test	TRC Test
	Gross Ex-Ante	Gross Ex-Ante	Net Ex-Post	Net Ex-Post
Electric Administrative Cost	\$ 321,636	\$ 312,513	\$ 321,636	\$ 312,513
Electric Participant Cost	\$ 3,513,342	\$ 3,394,238	\$ 2,700,355	\$ 2,608,811
Gas Administrative Cost	\$ 93,373	\$ 90,649	\$ 93,373	\$ 90,649
Gas Participant Cost	\$ 1,861,061	\$ 1,805,782	\$ 1,697,288	\$ 1,646,873
<b>Total</b>	<b>\$ 5,789,413</b>	<b>\$ 5,603,182</b>	<b>\$ 4,812,652</b>	<b>\$ 4,658,846</b>

  

Net Benefits	\$ 3,538,377	\$ 1,779,359	\$ 3,836,659	\$ 1,620,845
C/C Ratio	1.61	1.32	1.80	1.35

MidAmerican Energy Company  
 Illinois Energy Efficiency Programs  
 2008-2011 Performance Data

Program: Nonresidential Custom  
 Year: 2009 (includes partial year 2008 results)

	--- Electric ---		--- Gas ---	
	Energy	Peak	Energy	Peak
Realization Rate:	0.85	1.14	0.46	-
NTG Ratio:	0.88	0.82	0.63	0.63

  

Benefits	Iowa	Illinois	Iowa	Illinois
	SOC Test	TRC Test	SOC Test	TRC Test
	Gross	Gross	Net	Net
	Ex-Ante	Ex-Ante	Ex-Post	Ex-Post
Avoided Electric Generation Capacity Cost	\$ 23,240	\$ 20,591	\$ 21,724	\$ 19,248
Avoided Electric Transmission Capacity Cost	\$ 3,580	\$ 3,172	\$ 3,347	\$ 2,965
Avoided Electric Distribution Capacity Cost	\$ 12,816	\$ 11,356	\$ 11,981	\$ 10,615
Avoided Electric Energy Cost	\$ 89,552	\$ 77,821	\$ 66,985	\$ 58,210
Avoided Gas Capacity Cost	\$ 24,578	\$ 21,884	\$ -	\$ -
Avoided Gas Energy Cost	\$ 427,156	\$ 380,252	\$ 123,790	\$ 110,197
Electric Externalities (10% Adder)	\$ 12,919	\$ -	\$ 10,404	\$ -
Gas Externalities (7.5% Adder)	\$ 33,880	\$ -	\$ 9,284	\$ -
<b>Total</b>	<b>\$ 627,720</b>	<b>\$ 515,075</b>	<b>\$ 247,514</b>	<b>\$ 201,236</b>

  

Cost	Iowa	Illinois	Iowa	Illinois
	SOC Test	TRC Test	SOC Test	TRC Test
	Gross	Gross	Net	Net
	Ex-Ante	Ex-Ante	Ex-Post	Ex-Post
Electric Administrative Cost	\$ 25,670	\$ 25,670	\$ 25,670	\$ 25,670
Electric Participant Cost	\$ 72,000	\$ 72,000	\$ 53,856	\$ 53,856
Gas Administrative Cost	\$ 33,739	\$ 33,739	\$ 33,739	\$ 33,739
Gas Participant Cost	\$ 102,041	\$ 102,041	\$ 29,571	\$ 29,571
<b>Total</b>	<b>\$ 233,450</b>	<b>\$ 233,450</b>	<b>\$ 142,836</b>	<b>\$ 142,836</b>

  

Net Benefits	\$ 394,270	\$ 281,625	\$ 104,678	\$ 58,399
C/C Ratio	2.69	2.21	1.73	1.41

MidAmerican Energy Company  
Illinois Energy Efficiency Programs  
2008-2011 Performance Data

Program: Nonresidential Custom  
Year: 2010

	--- Electric ---		--- Gas ---	
	Energy	Peak	Energy	Peak
Realization Rate:	0.85	1.14	0.46	-
NTG Ratio:	0.88	0.82	0.63	0.63

  

Benefits	Iowa		Illinois	
	SOC Test Gross Ex-Ante	TRC Test Gross Ex-Ante	SOC Test Net Ex-Post	TRC Test Net Ex-Post
Avoided Electric Generation Capacity Cost	\$ 2,739	\$ 2,427	\$ 2,560	\$ 2,268
Avoided Electric Transmission Capacity Cost	\$ 422	\$ 374	\$ 394	\$ 349
Avoided Electric Distribution Capacity Cost	\$ 1,510	\$ 1,338	\$ 1,412	\$ 1,251
Avoided Electric Energy Cost	\$ 174,724	\$ 143,480	\$ 130,693	\$ 107,323
Avoided Gas Capacity Cost	\$ -	\$ -	\$ -	\$ -
Avoided Gas Energy Cost	\$ -	\$ -	\$ -	\$ -
Electric Externalities (10% Adder)	\$ 17,939	\$ -	\$ 13,506	\$ -
Gas Externalities (7.5% Adder)	\$ -	\$ -	\$ -	\$ -
<b>Total</b>	<b>\$ 197,334</b>	<b>\$ 147,619</b>	<b>\$ 148,566</b>	<b>\$ 111,192</b>

  

Cost	Iowa		Illinois	
	SOC Test Gross Ex-Ante	TRC Test Gross Ex-Ante	SOC Test Net Ex-Post	TRC Test Net Ex-Post
Electric Administrative Cost	\$ 14,203	\$ 14,203	\$ 14,203	\$ 14,203
Electric Participant Cost	\$ 28,461	\$ 28,461	\$ 21,289	\$ 21,289
Gas Administrative Cost	\$ 8,300	\$ 8,300	\$ 8,300	\$ 8,300
Gas Participant Cost	\$ -	\$ -	\$ -	\$ -
<b>Total</b>	<b>\$ 50,964</b>	<b>\$ 50,964</b>	<b>\$ 43,792</b>	<b>\$ 43,792</b>

  

Net Benefits	\$ 146,370	\$ 96,655	\$ 104,774	\$ 67,400
C/C Ratio	3.87	2.90	3.39	2.54

MidAmerican Energy Company  
 Illinois Energy Efficiency Programs  
 2008-2011 Performance Data

Program: Nonresidential Custom  
 Year: 2011

	--- Electric ---		--- Gas ---	
	Energy	Peak	Energy	Peak
Realization Rate:	0.85	1.14	0.46	-
NTG Ratio:	0.88	0.82	0.63	0.63

  

Benefits	Iowa		Illinois	
	SOC Test Gross Ex-Ante	TRC Test Gross Ex-Ante	SOC Test Net Ex-Post	TRC Test Net Ex-Post
Avoided Electric Generation Capacity Cost	\$ 16,578	\$ 14,688	\$ 15,497	\$ 13,730
Avoided Electric Transmission Capacity Cost	\$ 2,554	\$ 2,263	\$ 2,387	\$ 2,115
Avoided Electric Distribution Capacity Cost	\$ 9,214	\$ 8,164	\$ 8,613	\$ 7,631
Avoided Electric Energy Cost	\$ 120,768	\$ 106,005	\$ 90,334	\$ 79,292
Avoided Gas Capacity Cost	\$ 4,984	\$ 4,008	\$ -	\$ -
Avoided Gas Energy Cost	\$ 78,222	\$ 61,815	\$ 22,669	\$ 17,914
Electric Externalities (10% Adder)	\$ 14,911	\$ -	\$ 11,683	\$ -
Gas Externalities (7.5% Adder)	\$ 6,241	\$ -	\$ 1,700	\$ -
<b>Total</b>	<b>\$ 253,472</b>	<b>\$ 196,942</b>	<b>\$ 152,884</b>	<b>\$ 120,683</b>

  

Cost	Iowa		Illinois	
	SOC Test Gross Ex-Ante	TRC Test Gross Ex-Ante	SOC Test Net Ex-Post	TRC Test Net Ex-Post
Electric Administrative Cost	\$ 24,205	\$ 24,205	\$ 24,205	\$ 24,205
Electric Participant Cost	\$ 69,683	\$ 69,683	\$ 52,123	\$ 52,123
Gas Administrative Cost	\$ 12,906	\$ 12,906	\$ 12,906	\$ 12,906
Gas Participant Cost	\$ 30,000	\$ 30,000	\$ 8,694	\$ 8,694
<b>Total</b>	<b>\$ 136,794</b>	<b>\$ 136,794</b>	<b>\$ 97,928</b>	<b>\$ 97,928</b>

  

Net Benefits	\$ 116,678	\$ 60,148	\$ 54,956	\$ 22,755
C/C Ratio	1.85	1.44	1.56	1.23

MidAmerican Energy Company  
 Illinois Energy Efficiency Programs  
 2008-2011 Performance Data

Program: Nonresidential Custom  
 Year: 2009-2011 (includes partial year 2008 results)

	--- Electric ---		--- Gas ---	
	Energy	Peak	Energy	Peak
Realization Rate:	0.85	1.14	0.46	-
NTG Ratio:	0.88	0.82	0.63	0.63

  

Benefits	Iowa		Illinois	
	SOC Test Gross Ex-Ante	TRC Test Gross Ex-Ante	Iowa SOC Test Net Ex-Post	Illinois TRC Test Net Ex-Post
Avoided Electric Generation Capacity Cost	\$ 40,944	\$ 35,456	\$ 38,274	\$ 33,144
Avoided Electric Transmission Capacity Cost	\$ 6,308	\$ 5,462	\$ 5,896	\$ 5,106
Avoided Electric Distribution Capacity Cost	\$ 22,645	\$ 19,608	\$ 21,169	\$ 18,329
Avoided Electric Energy Cost	\$ 366,194	\$ 301,847	\$ 273,913	\$ 225,782
Avoided Gas Capacity Cost	\$ 29,115	\$ 25,326	\$ -	\$ -
Avoided Gas Energy Cost	\$ 498,363	\$ 433,346	\$ 144,426	\$ 125,584
Electric Externalities (10% Adder)	\$ 22,645	\$ -	\$ 33,925	\$ -
Gas Externalities (7.5% Adder)	\$ -	\$ -	\$ 10,832	\$ -
<b>Total</b>	<b>\$ 986,214</b>	<b>\$ 821,045</b>	<b>\$ 528,435</b>	<b>\$ 407,945</b>

  

Cost	Iowa		Illinois	
	SOC Test Gross Ex-Ante	TRC Test Gross Ex-Ante	Iowa SOC Test Net Ex-Post	Illinois TRC Test Net Ex-Post
Electric Administrative Cost	\$ 61,256	\$ 59,623	\$ 61,256	\$ 59,623
Electric Participant Cost	\$ 162,589	\$ 158,230	\$ 121,616	\$ 118,356
Gas Administrative Cost	\$ 53,407	\$ 52,517	\$ 53,407	\$ 52,517
Gas Participant Cost	\$ 129,351	\$ 127,809	\$ 37,486	\$ 37,039
<b>Total</b>	<b>\$ 406,602</b>	<b>\$ 398,179</b>	<b>\$ 273,765</b>	<b>\$ 267,535</b>

  

Net Benefits	\$ 579,613	\$ 422,866	\$ 254,671	\$ 140,410
C/C Ratio	2.43	2.06	1.93	1.52

MidAmerican Energy Company  
Illinois Energy Efficiency Programs  
2008-2011 Performance Data

Program: Commercial New Construction  
Year: 2009 (includes partial year 2008 results)

	--- Electric ---		--- Gas ---					
	Energy	Peak	Energy	Peak	Iowa SOC Test Gross Ex-Ante	Illinois TRC Test Gross Ex-Ante	Iowa SOC Test Net Ex-Post	Illinois TRC Test Net Ex-Post
Realization Rate:	1.00	1.00	1.00	1.00				
NTG Ratio:	0.59	0.59	0.59	0.59				
<b>Benefits</b>								
Avoided Electric Generation Capacity Cost	\$	-	\$	-	\$	-	\$	-
Avoided Electric Transmission Capacity Cost	\$	-	\$	-	\$	-	\$	-
Avoided Electric Distribution Capacity Cost	\$	-	\$	-	\$	-	\$	-
Avoided Electric Energy Cost	\$	-	\$	-	\$	-	\$	-
Avoided Gas Capacity Cost	\$	-	\$	-	\$	-	\$	-
Avoided Gas Energy Cost	\$	-	\$	-	\$	-	\$	-
Electric Externalities (10% Adder)	\$	-	\$	-	\$	-	\$	-
Gas Externalities (7.5% Adder)	\$	-	\$	-	\$	-	\$	-
<b>Total</b>	\$	-	\$	-	\$	-	\$	-
<b>Cost</b>								
Electric Administrative Cost	\$	97,343	\$	97,343	\$	97,343	\$	97,343
Electric Participant Cost	\$	-	\$	-	\$	-	\$	-
Gas Administrative Cost	\$	23,399	\$	23,399	\$	23,399	\$	23,399
Gas Participant Cost	\$	-	\$	-	\$	-	\$	-
<b>Total</b>	\$	120,742	\$	120,742	\$	120,742	\$	120,742
<b>Net Benefits</b>	\$	(120,742)	\$	(120,742)	\$	(120,742)	\$	(120,742)
<b>C/C Ratio</b>		-		-		-		-

MidAmerican Energy Company  
Illinois Energy Efficiency Programs  
2008-2011 Performance Data

Program: Commercial New Construction  
Year: 2010

	--- Electric ---		--- Gas ---	
	Energy	Peak	Energy	Peak
Realization Rate:	1.00	1.00	1.00	1.00
NTG Ratio:	0.59	0.59	0.59	0.59

  

Benefits	Iowa	Illinois	Iowa	Illinois
	SOC Test	TRC Test	SOC Test	TRC Test
	Gross	Gross	Net	Net
	Ex-Ante	Ex-Ante	Ex-Post	Ex-Post
Avoided Electric Generation Capacity Cost	\$ 46,635	\$ 37,597	\$ 27,515	\$ 22,182
Avoided Electric Transmission Capacity Cost	\$ 7,184	\$ 5,792	\$ 4,239	\$ 3,417
Avoided Electric Distribution Capacity Cost	\$ 25,719	\$ 20,734	\$ 15,174	\$ 12,233
Avoided Electric Energy Cost	\$ 270,758	\$ 212,905	\$ 159,747	\$ 125,614
Avoided Gas Capacity Cost	\$ 2,813	\$ 2,304	\$ 1,660	\$ 1,359
Avoided Gas Energy Cost	\$ 78,246	\$ 63,241	\$ 46,165	\$ 37,312
Electric Externalities (10% Adder)	\$ 35,030	\$ -	\$ 20,667	\$ -
Gas Externalities (7.5% Adder)	\$ 6,079	\$ -	\$ 3,587	\$ -
<b>Total</b>	<b>\$ 472,465</b>	<b>\$ 342,573</b>	<b>\$ 278,755</b>	<b>\$ 202,118</b>

  

Cost	Iowa	Illinois	Iowa	Illinois
	SOC Test	TRC Test	SOC Test	TRC Test
	Gross	Gross	Net	Net
	Ex-Ante	Ex-Ante	Ex-Post	Ex-Post
Electric Administrative Cost	\$ 32,536	\$ 32,536	\$ 32,536	\$ 32,536
Electric Participant Cost	\$ 97,106	\$ 97,106	\$ 57,293	\$ 57,293
Gas Administrative Cost	\$ 7,963	\$ 7,963	\$ 7,963	\$ 7,963
Gas Participant Cost	\$ 25,551	\$ 25,551	\$ 15,075	\$ 15,075
<b>Total</b>	<b>\$ 163,156</b>	<b>\$ 163,156</b>	<b>\$ 112,866</b>	<b>\$ 112,866</b>

  

Net Benefits	\$ 309,310	\$ 179,417	\$ 165,888	\$ 89,251
C/C Ratio	2.90	2.10	2.47	1.79

MidAmerican Energy Company  
Illinois Energy Efficiency Programs  
2008-2011 Performance Data

Program: Commercial New Construction  
Year: 2011

	--- Electric ---		--- Gas ---	
	Energy	Peak	Energy	Peak
Realization Rate:	1.00	1.00	1.00	1.00
NTG Ratio:	0.59	0.59	0.59	0.59

  

Benefits	Iowa	Illinois	Iowa	Illinois
	SOC Test	TRC Test	SOC Test	TRC Test
	Gross	Gross	Net	Net
	Ex-Ante	Ex-Ante	Ex-Post	Ex-Post
Avoided Electric Generation Capacity Cost	\$ 9,528	\$ 7,681	\$ 5,621	\$ 4,532
Avoided Electric Transmission Capacity Cost	\$ 1,468	\$ 1,183	\$ 866	\$ 698
Avoided Electric Distribution Capacity Cost	\$ 5,416	\$ 4,366	\$ 3,195	\$ 2,576
Avoided Electric Energy Cost	\$ 44,922	\$ 35,513	\$ 26,504	\$ 20,953
Avoided Gas Capacity Cost	\$ 1,233	\$ 1,009	\$ 727	\$ 595
Avoided Gas Energy Cost	\$ 45,713	\$ 36,876	\$ 26,971	\$ 21,757
Electric Externalities (10% Adder)	\$ 6,133	\$ -	\$ 3,619	\$ -
Gas Externalities (7.5% Adder)	\$ 3,521	\$ -	\$ 2,077	\$ -
<b>Total</b>	<b>\$ 117,933</b>	<b>\$ 86,629</b>	<b>\$ 69,581</b>	<b>\$ 51,111</b>

  

Cost	Iowa	Illinois	Iowa	Illinois
	SOC Test	TRC Test	SOC Test	TRC Test
	Gross	Gross	Net	Net
	Ex-Ante	Ex-Ante	Ex-Post	Ex-Post
Electric Administrative Cost	\$ 65,972	\$ 65,972	\$ 65,972	\$ 65,972
Electric Participant Cost	\$ 102,503	\$ 102,503	\$ 60,476	\$ 60,476
Gas Administrative Cost	\$ 17,948	\$ 17,948	\$ 17,948	\$ 17,948
Gas Participant Cost	\$ 41,090	\$ 41,090	\$ 24,243	\$ 24,243
<b>Total</b>	<b>\$ 227,512</b>	<b>\$ 227,512</b>	<b>\$ 168,639</b>	<b>\$ 168,639</b>

  

Net Benefits	\$ (109,579)	\$ (140,883)	\$ (99,059)	\$ (117,528)
C/C Ratio	0.52	0.38	0.41	0.30

MidAmerican Energy Company  
Illinois Energy Efficiency Programs  
2008-2011 Performance Data

Program: Commercial New Construction  
Year: 2009-2011 (includes partial year 2008 results)

	--- Electric ---		--- Gas ---	
	Energy	Peak	Energy	Peak
Realization Rate:	1.00	1.00	1.00	1.00
NTG Ratio:	0.59	0.59	0.59	0.59

  

Benefits	Iowa		Illinois	
	SOC Test Gross Ex-Ante	TRC Test Gross Ex-Ante	Iowa SOC Test Net Ex-Post	Illinois TRC Test Net Ex-Post
Avoided Electric Generation Capacity Cost	\$ 53,169	\$ 41,442	\$ 31,369	\$ 24,451
Avoided Electric Transmission Capacity Cost	\$ 8,191	\$ 6,384	\$ 4,833	\$ 3,767
Avoided Electric Distribution Capacity Cost	\$ 29,469	\$ 22,967	\$ 17,387	\$ 13,550
Avoided Electric Energy Cost	\$ 299,225	\$ 227,820	\$ 176,543	\$ 134,414
Avoided Gas Capacity Cost	\$ 3,806	\$ 3,002	\$ 2,246	\$ 1,771
Avoided Gas Energy Cost	\$ 116,269	\$ 90,285	\$ 68,599	\$ 53,268
Electric Externalities (10% Adder)	\$ 29,469	\$ -	\$ 23,013	\$ -
Gas Externalities (7.5% Adder)	\$ -	\$ -	\$ 5,313	\$ -
<b>Total</b>	<b>\$ 539,598</b>	<b>\$ 391,899</b>	<b>\$ 329,303</b>	<b>\$ 231,221</b>

  

Cost	Iowa		Illinois	
	SOC Test Gross Ex-Ante	TRC Test Gross Ex-Ante	Iowa SOC Test Net Ex-Post	Illinois TRC Test Net Ex-Post
Electric Administrative Cost	\$ 188,442	\$ 184,162	\$ 188,442	\$ 184,162
Electric Participant Cost	\$ 185,960	\$ 178,039	\$ 109,716	\$ 105,043
Gas Administrative Cost	\$ 47,335	\$ 46,195	\$ 47,335	\$ 46,195
Gas Participant Cost	\$ 61,783	\$ 58,973	\$ 36,452	\$ 34,794
<b>Total</b>	<b>\$ 483,519</b>	<b>\$ 467,369</b>	<b>\$ 381,945</b>	<b>\$ 370,194</b>

  

Net Benefits	\$ 56,079	\$ (75,470)	\$ (52,642)	\$ (138,973)
C/C Ratio	1.12	0.84	0.86	0.62

MidAmerican Energy Company  
Illinois Energy Efficiency Programs  
2008-2011 Performance Data

Program: Residential Load Management  
Year: 2009 (includes partial year 2008 results)

	--- Electric ---		--- Gas ---							
	Energy	Peak	Energy	Peak	Iowa SOC Test Gross Ex-Ante	Illinois TRC Test Gross Ex-Ante	Iowa SOC Test Net Ex-Post	Illinois TRC Test Net Ex-Post		
Realization Rate:	1.00	1.00	-	-						
NTG Ratio:	1.00	1.00	-	-						
<b>Benefits</b>										
Avoided Electric Generation Capacity Cost			\$	1,303,540	\$	1,087,224	\$	1,303,540	\$	1,087,224
Avoided Electric Transmission Capacity Cost			\$	200,819	\$	167,494	\$	200,819	\$	167,494
Avoided Electric Distribution Capacity Cost			\$	718,897	\$	599,599	\$	718,897	\$	599,599
Avoided Electric Energy Cost			\$	17,322	\$	14,050	\$	17,322	\$	14,050
Avoided Gas Capacity Cost			\$	-	\$	-	\$	-	\$	-
Avoided Gas Energy Cost			\$	-	\$	-	\$	-	\$	-
Electric Externalities (10% Adder)			\$	224,058	\$	-	\$	224,058	\$	-
Gas Externalities (7.5% Adder)			\$	-	\$	-	\$	-	\$	-
<b>Total</b>			\$	2,464,636	\$	1,868,368	\$	2,464,636	\$	1,868,368
<b>Cost</b>										
Electric Administrative Cost			\$	1,389,671	\$	1,200,494	\$	1,389,671	\$	1,200,494
Electric Participant Cost			\$	-	\$	-	\$	-	\$	-
Gas Administrative Cost			\$	-	\$	-	\$	-	\$	-
Gas Participant Cost			\$	-	\$	-	\$	-	\$	-
<b>Total</b>			\$	1,389,671	\$	1,200,494	\$	1,389,671	\$	1,200,494
<b>Net Benefits</b>			\$	1,074,964	\$	667,874	\$	1,074,964	\$	667,874
<b>C/C Ratio</b>				1.77		1.56		1.77		1.56

MidAmerican Energy Company  
Illinois Energy Efficiency Programs  
2008-2011 Performance Data

Program: Residential Load Management  
Year: 2010

	--- Electric ---		--- Gas ---							
	Energy	Peak	Energy	Peak	Iowa SOC Test Gross Ex-Ante	Illinois TRC Test Gross Ex-Ante	Iowa SOC Test Net Ex-Post	Illinois TRC Test Net Ex-Post		
Realization Rate:	1.00	1.00	-	-						
NTG Ratio:	1.00	1.00	-	-						
<b>Benefits</b>										
Avoided Electric Generation Capacity Cost			\$	654,575	\$	545,951	\$	654,575	\$	545,951
Avoided Electric Transmission Capacity Cost			\$	100,842	\$	84,107	\$	100,842	\$	84,107
Avoided Electric Distribution Capacity Cost			\$	360,995	\$	301,090	\$	360,995	\$	301,090
Avoided Electric Energy Cost			\$	1,553	\$	1,268	\$	1,553	\$	1,268
Avoided Gas Capacity Cost			\$	-	\$	-	\$	-	\$	-
Avoided Gas Energy Cost			\$	-	\$	-	\$	-	\$	-
Electric Externalities (10% Adder)			\$	111,796	\$	-	\$	111,796	\$	-
Gas Externalities (7.5% Adder)			\$	-	\$	-	\$	-	\$	-
<b>Total</b>			\$	1,229,760	\$	932,416	\$	1,229,760	\$	932,416
<b>Cost</b>										
Electric Administrative Cost			\$	872,018	\$	744,916	\$	872,018	\$	744,916
Electric Participant Cost			\$	-	\$	-	\$	-	\$	-
Gas Administrative Cost			\$	-	\$	-	\$	-	\$	-
Gas Participant Cost			\$	-	\$	-	\$	-	\$	-
<b>Total</b>			\$	872,018	\$	744,916	\$	872,018	\$	744,916
<b>Net Benefits</b>			\$	357,742	\$	187,500	\$	357,742	\$	187,500
<b>C/C Ratio</b>				1.41		1.25		1.41		1.25

MidAmerican Energy Company  
 Illinois Energy Efficiency Programs  
 2008-2011 Performance Data

Program: Residential Load Management  
 Year: 2011

	--- Electric ---		--- Gas ---							
	Energy	Peak	Energy	Peak	Iowa SOC Test Gross Ex-Ante	Illinois TRC Test Gross Ex-Ante	Iowa SOC Test Net Ex-Post	Illinois TRC Test Net Ex-Post		
Realization Rate:	1.00	1.00	-	-						
NTG Ratio:	1.00	1.00	-	-						
<b>Benefits</b>										
Avoided Electric Generation Capacity Cost			\$	1,978,624	\$	1,650,281	\$	1,978,624	\$	1,650,281
Avoided Electric Transmission Capacity Cost			\$	304,820	\$	254,237	\$	304,820	\$	254,237
Avoided Electric Distribution Capacity Cost			\$	1,091,203	\$	910,123	\$	1,091,203	\$	910,123
Avoided Electric Energy Cost			\$	41,825	\$	34,149	\$	41,825	\$	34,149
Avoided Gas Capacity Cost			\$	-	\$	-	\$	-	\$	-
Avoided Gas Energy Cost			\$	-	\$	-	\$	-	\$	-
Electric Externalities (10% Adder)			\$	341,647	\$	-	\$	341,647	\$	-
Gas Externalities (7.5% Adder)			\$	-	\$	-	\$	-	\$	-
<b>Total</b>			\$	<b>3,758,119</b>	\$	<b>2,848,790</b>	\$	<b>3,758,119</b>	\$	<b>2,848,790</b>
<b>Cost</b>										
Electric Administrative Cost			\$	733,867	\$	631,551	\$	733,867	\$	631,551
Electric Participant Cost			\$	-	\$	-	\$	-	\$	-
Gas Administrative Cost			\$	-	\$	-	\$	-	\$	-
Gas Participant Cost			\$	-	\$	-	\$	-	\$	-
<b>Total</b>			\$	<b>733,867</b>	\$	<b>631,551</b>	\$	<b>733,867</b>	\$	<b>631,551</b>
<b>Net Benefits</b>			\$	<b>3,024,252</b>	\$	<b>2,217,239</b>	\$	<b>3,024,252</b>	\$	<b>2,217,239</b>
<b>C/C Ratio</b>				<b>5.12</b>		<b>4.51</b>		<b>5.12</b>		<b>4.51</b>

MidAmerican Energy Company  
Illinois Energy Efficiency Programs  
2008-2009-2011 Performance Data

Program: Residential Load Management  
Year: 2009-2011 (includes partial year 2008 results)

	--- Electric ---		--- Gas ---							
	Energy	Peak	Energy	Peak	Iowa SOC Test Gross Ex-Ante	Illinois TRC Test Gross Ex-Ante	Iowa SOC Test Net Ex-Post	Illinois TRC Test Net Ex-Post		
Realization Rate:	1.00	1.00	-	-						
NTG Ratio:	1.00	1.00	-	-						
<b>Benefits</b>										
Avoided Electric Generation Capacity Cost			\$	1,426,309	\$	1,153,414	\$	1,426,309	\$	1,153,414
Avoided Electric Transmission Capacity Cost			\$	219,733	\$	177,691	\$	219,733	\$	177,691
Avoided Electric Distribution Capacity Cost			\$	786,604	\$	636,103	\$	786,604	\$	636,103
Avoided Electric Energy Cost			\$	22,077	\$	17,040	\$	22,077	\$	17,040
Avoided Gas Capacity Cost			\$	-	\$	-	\$	-	\$	-
Avoided Gas Energy Cost			\$	-	\$	-	\$	-	\$	-
Electric Externalities (10% Adder)			\$	245,472	\$	-	\$	245,472	\$	-
Gas Externalities (7.5% Adder)			\$	-	\$	-	\$	-	\$	-
<b>Total</b>			\$	2,700,195	\$	1,984,248	\$	2,700,195	\$	1,984,248
<b>Cost</b>										
Electric Administrative Cost			\$	1,262,389	\$	1,097,217	\$	1,262,389	\$	1,097,217
Electric Participant Cost			\$	-	\$	-	\$	-	\$	-
Gas Administrative Cost			\$	-	\$	-	\$	-	\$	-
Gas Participant Cost			\$	-	\$	-	\$	-	\$	-
<b>Total</b>			\$	1,262,389	\$	1,097,217	\$	1,262,389	\$	1,097,217
<b>Net Benefits</b>			\$	1,437,806	\$	887,031	\$	1,437,806	\$	887,031
<b>C/C Ratio</b>				2.14		1.81		2.14		1.81

MidAmerican Energy Company  
 Illinois Energy Efficiency Programs  
 2008-2011 Performance Data

Program: Nonresidential Load Management  
 Year: 2009 (includes partial year 2008 results)

	--- Electric ---		--- Gas ---							
	Energy	Peak	Energy	Peak	Iowa SOC Test Gross Ex-Ante	Illinois TRC Test Gross Ex-Ante	Iowa SOC Test Net Ex-Post	Illinois TRC Test Net Ex-Post		
Realization Rate:	1.00	1.00	-	-						
NTG Ratio:	1.00	1.00	-	-						
<b>Benefits</b>										
Avoided Electric Generation Capacity Cost			\$	5,429,578	\$	4,528,567	\$	5,429,578	\$	4,528,567
Avoided Electric Transmission Capacity Cost			\$	836,463	\$	697,656	\$	836,463	\$	697,656
Avoided Electric Distribution Capacity Cost			\$	-	\$	-	\$	-	\$	-
Avoided Electric Energy Cost			\$	76,664	\$	62,094	\$	76,664	\$	62,094
Avoided Gas Capacity Cost			\$	-	\$	-	\$	-	\$	-
Avoided Gas Energy Cost			\$	-	\$	-	\$	-	\$	-
Electric Externalities (10% Adder)			\$	634,270	\$	-	\$	634,270	\$	-
Gas Externalities (7.5% Adder)			\$	-	\$	-	\$	-	\$	-
<b>Total</b>			\$	6,976,975	\$	5,288,317	\$	6,976,975	\$	5,288,317
<b>Cost</b>										
Electric Administrative Cost			\$	867,150	\$	723,840	\$	867,150	\$	723,840
Electric Participant Cost			\$	-	\$	-	\$	-	\$	-
Gas Administrative Cost			\$	-	\$	-	\$	-	\$	-
Gas Participant Cost			\$	-	\$	-	\$	-	\$	-
<b>Total</b>			\$	867,150	\$	723,840	\$	867,150	\$	723,840
<b>Net Benefits</b>			\$	6,109,825	\$	4,564,477	\$	6,109,825	\$	4,564,477
<b>C/C Ratio</b>				8.05		7.31		8.05		7.31

MidAmerican Energy Company  
 Illinois Energy Efficiency Programs  
 2008-2011 Performance Data

Program: Nonresidential Load Management  
 Year: 2010

	--- Electric ---		--- Gas ---							
	Energy	Peak	Energy	Peak	Iowa SOC Test Gross Ex-Ante	Illinois TRC Test Gross Ex-Ante	Iowa SOC Test Net Ex-Post	Illinois TRC Test Net Ex-Post		
Realization Rate:	1.00	1.00	-	-						
NTG Ratio:	1.00	1.00	-	-						
<b>Benefits</b>										
Avoided Electric Generation Capacity Cost			\$	10,251,893	\$	8,550,644	\$	10,251,893	\$	8,550,644
Avoided Electric Transmission Capacity Cost			\$	1,579,373	\$	1,317,284	\$	1,579,373	\$	1,317,284
Avoided Electric Distribution Capacity Cost			\$	-	\$	-	\$	-	\$	-
Avoided Electric Energy Cost			\$	-	\$	-	\$	-	\$	-
Avoided Gas Capacity Cost			\$	-	\$	-	\$	-	\$	-
Avoided Gas Energy Cost			\$	-	\$	-	\$	-	\$	-
Electric Externalities (10% Adder)			\$	1,183,127	\$	-	\$	1,183,127	\$	-
Gas Externalities (7.5% Adder)			\$	-	\$	-	\$	-	\$	-
<b>Total</b>			\$	13,014,392	\$	9,867,927	\$	13,014,392	\$	9,867,927
<b>Cost</b>										
Electric Administrative Cost			\$	433,417	\$	362,188	\$	433,417	\$	362,188
Electric Participant Cost			\$	-	\$	-	\$	-	\$	-
Gas Administrative Cost			\$	-	\$	-	\$	-	\$	-
Gas Participant Cost			\$	-	\$	-	\$	-	\$	-
<b>Total</b>			\$	433,417	\$	362,188	\$	433,417	\$	362,188
<b>Net Benefits</b>			\$	12,580,976	\$	9,505,739	\$	12,580,976	\$	9,505,739
<b>C/C Ratio</b>				30.03		27.25		30.03		27.25

MidAmerican Energy Company  
Illinois Energy Efficiency Programs  
2008-2011 Performance Data

Program: Nonresidential Load Management  
Year: 2011

	--- Electric ---		--- Gas ---							
	Energy	Peak	Energy	Peak	Iowa SOC Test Gross Ex-Ante	Illinois TRC Test Gross Ex-Ante	Iowa SOC Test Net Ex-Post	Illinois TRC Test Net Ex-Post		
Realization Rate:	1.00	1.00	-	-						
NTG Ratio:	1.00	1.00	-	-						
<b>Benefits</b>										
Avoided Electric Generation Capacity Cost			\$	11,742,406	\$	9,793,813	\$	11,742,406	\$	9,793,813
Avoided Electric Transmission Capacity Cost			\$	1,808,996	\$	1,508,802	\$	1,808,996	\$	1,508,802
Avoided Electric Distribution Capacity Cost			\$	-	\$	-	\$	-	\$	-
Avoided Electric Energy Cost			\$	-	\$	-	\$	-	\$	-
Avoided Gas Capacity Cost			\$	-	\$	-	\$	-	\$	-
Avoided Gas Energy Cost			\$	-	\$	-	\$	-	\$	-
Electric Externalities (10% Adder)			\$	1,355,140	\$	-	\$	1,355,140	\$	-
Gas Externalities (7.5% Adder)			\$	-	\$	-	\$	-	\$	-
<b>Total</b>			\$	14,906,542	\$	11,302,615	\$	14,906,542	\$	11,302,615
<b>Cost</b>										
Electric Administrative Cost			\$	748,234	\$	624,738	\$	748,234	\$	624,738
Electric Participant Cost			\$	-	\$	-	\$	-	\$	-
Gas Administrative Cost			\$	-	\$	-	\$	-	\$	-
Gas Participant Cost			\$	-	\$	-	\$	-	\$	-
<b>Total</b>			\$	748,234	\$	624,738	\$	748,234	\$	624,738
<b>Net Benefits</b>			\$	14,158,307	\$	10,677,877	\$	14,158,307	\$	10,677,877
<b>C/C Ratio</b>				19.92		18.09		19.92		18.09

MidAmerican Energy Company  
Illinois Energy Efficiency Programs  
2008-2009-2011 Performance Data

Program: Nonresidential Load Management  
Year: 2009-2011 (includes partial year 2008 results)

	--- Electric ---		--- Gas ---	
	Energy	Peak	Energy	Peak
Realization Rate:	1.00	1.00	-	-
NTG Ratio:	1.00	1.00	-	-

  

Benefits	Iowa	Illinois	Iowa	Illinois
	SOC Test	TRC Test	SOC Test	TRC Test
	Gross Ex-Ante	Gross Ex-Ante	Net Ex-Post	Net Ex-Post
Avoided Electric Generation Capacity Cost	\$ 9,705,061	\$ 7,807,519	\$ 9,705,061	\$ 7,807,519
Avoided Electric Transmission Capacity Cost	\$ 1,495,130	\$ 1,202,801	\$ 1,495,130	\$ 1,202,801
Avoided Electric Distribution Capacity Cost	\$ -	\$ -	\$ -	\$ -
Avoided Electric Energy Cost	\$ 28,329	\$ 23,454	\$ 28,329	\$ 23,454
Avoided Gas Capacity Cost	\$ -	\$ -	\$ -	\$ -
Avoided Gas Energy Cost	\$ -	\$ -	\$ -	\$ -
Electric Externalities (10% Adder)	\$ 1,122,852	\$ -	\$ 1,122,852	\$ -
Gas Externalities (7.5% Adder)	\$ -	\$ -	\$ -	\$ -
<b>Total</b>	<b>\$ 12,351,372</b>	<b>\$ 9,033,774</b>	<b>\$ 12,351,372</b>	<b>\$ 9,033,774</b>

  

Cost	Iowa	Illinois	Iowa	Illinois
	SOC Test	TRC Test	SOC Test	TRC Test
Electric Administrative Cost	\$ 753,134	\$ 617,954	\$ 753,134	\$ 617,954
Electric Participant Cost	\$ -	\$ -	\$ -	\$ -
Gas Administrative Cost	\$ -	\$ -	\$ -	\$ -
Gas Participant Cost	\$ -	\$ -	\$ -	\$ -
<b>Total</b>	<b>\$ 753,134</b>	<b>\$ 617,954</b>	<b>\$ 753,134</b>	<b>\$ 617,954</b>

  

Net Benefits	\$ 11,598,238	\$ 8,415,820	\$ 11,598,238	\$ 8,415,820
C/C Ratio	16.40	14.62	16.40	14.62