

STATE OF IOWA

BEFORE THE IOWA UTILITIES BOARD

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IN RE:

MIDAMERICAN ENERGY COMPANY

Docket No. EEP-2012-0002

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DIRECT TESTIMONY  
OF  
TINA M. YODER

1 Q. Please state your name and business address.

2 A. Tina M. Yoder. MidAmerican Energy Company (MidAmerican), 106 East  
3 Second Street, Davenport, Iowa 52801.

4 Q. By whom are you employed and in what capacity?

5 A. I am employed by MidAmerican as Manager, Energy Efficiency.

6 Q. Please describe your education and business experience.

7 A. I am a graduate of Marycrest College, where I received a Bachelor of Arts  
8 Degree in 1983. I received a Master of Business Administration Degree in 1999  
9 from St. Ambrose University.

10 I have been employed by MidAmerican for almost 17 years. In that time, I have  
11 held positions in energy efficiency, key accounts, and customer accounting  
12 (billing and credit). I have held my current position since August 2012. I am  
13 responsible for development and management of energy-efficiency programs  
14 for all customer classes in Iowa, Illinois, South Dakota and Nebraska.

15 **Q. Have you testified before Iowa Utilities Board or other regulatory bodies**  
16 **previously?**

17 A. No.

18 **Q. What is the purpose of your direct testimony?**

19 A. The purpose of my testimony is to sponsor certain portions of MidAmerican's  
20 proposed energy efficiency plan (Plan) for its gas and electric customers in  
21 Iowa for 2014-2018. My testimony will begin with an overview of the proposed  
22 Plan, its general features and elements and then I will describe the Plan's  
23 programs in greater detail. I also will discuss how those programs fit within  
24 certain requirements under Chapter 35 of the Iowa Administrative Code (IAC).

25 **Q. What filing requirements contained in 199 IAC 35 does your testimony**  
26 **address?**

27 A. My testimony addresses, in whole or in part, the following requirements as  
28 found in 199 IAC Chapter 35:

- 29 • 35.8(2) Proposed Energy Efficiency Plan
- 30 • 35.8(9)"a" Coordination with Other Utilities
- 31 • 35.8(10) Pilot Projects

32 **Q. Are you sponsoring any exhibits in the filing?**

33 A. No.

34 **Q. Please provide an overview of the Plan filing.**

35 A. In addition to my testimony, MidAmerican presents testimony by six other  
36 witnesses.

- 37
- MidAmerican witness Charles B. Rea supports the methodology used to  
38 develop the Plan, the Assessment of Energy and Capacity Savings  
39 Potential in Iowa, the evaluation plan to be used to measure program  
40 results, the specific calculations and modeling performed to establish  
41 goals for program participation, goals for energy and capacity savings  
42 and the cost-effectiveness analyses performed on the programs.
  - MidAmerican witness Martha H. Bakeris provides load research and  
43 supports specific class load data for MidAmerican’s system.
  - MidAmerican witness Jennifer L. Long supports the specific inputs of  
44 the electric transmission and distribution avoided costs that are a part of  
45 MidAmerican’s avoided electric capacity and energy costs.
  - MidAmerican witness O. Dale Stevens supports MidAmerican’s  
46 avoided electric capacity and energy costs, and provides the forecast of  
47 need for electric capacity and electric generation avoided costs.
  - MidAmerican witness Brian J. Wiese addresses the forecast of natural  
48 gas needs and natural gas avoided cost.
  - MidAmerican witness Diana L. Votino provides the MidAmerican  
49 customer bill and rate impacts of recovery of costs of the Plan.  
50

51 **Q. How is your testimony organized?**

52 A. First, I will provide some background on results from MidAmerican’s current  
53 plan adopted in Docket No. EEP-08-2, which serves as a starting point for the  
54 proposed Plan. Then I will provide a Plan summary, which gives an overview  
55 of the programs in the Plan and last I will provide MidAmerican’s response to  
56

60 specific requirements of 199 IAC Chapter 35, including coordination with other  
61 utilities, and pilot projects.

62 **Q. Please provide a discussion of the results of MidAmerican current plan,**  
63 **approved by the Board in Docket No. EEP-08-2.**

64 A. MidAmerican's existing plan has been successful in getting customers to adopt  
65 energy-efficient measures, practices and behaviors by providing education,  
66 technical assistance, training and financial incentives. However, through the  
67 first four years of the plan (2008 through 2011), the overall savings achieved by  
68 MidAmerican's energy efficiency programs were less than projected. Although  
69 savings in the residential sector were at goal or nearly at goal for both electric  
70 and gas savings, the nonresidential sector level of achieved electric and gas  
71 savings (52% and 85%, respectively) was severely impacted by the economic  
72 downturn, which was not anticipated when the extremely aggressive savings  
73 goals were established for MidAmerican's nonresidential programs. Total  
74 portfolio electric savings during 2009-2011 were 656,345,633 kWh, which are  
75 83 percent of overall planned electric savings for the period. Portfolio natural  
76 gas savings during 2009-2011 were 13,323,108 therms, which were 97 percent  
77 of overall planned gas savings for the period.

78 MidAmerican is committed to providing customers with high quality,  
79 low-cost energy efficiency programs and has used the experience gained from  
80 the current plan to establish programs and goals for the proposed Plan. For  
81 example, the small commercial audit program was redesigned to address the  
82 specific needs of targeted customer segments that may have previously been

83 overlooked, such as convenience stores and restaurants. Additionally, programs  
84 or pilots like Efficiency Bid and Home Performance with ENERGY STAR®,  
85 where customers demonstrated a lack of interest, were eliminated from the  
86 proposed Plan.

87 **Q. Please summarize MidAmerican’s proposed Plan.**

88 A. MidAmerican’s Plan includes a comprehensive portfolio of electric and natural  
89 gas energy-efficiency products and services for all customer segments designed  
90 to enhance customer satisfaction and maximize the total net economic benefits.  
91 The Plan includes 16 electric and natural gas programs for MidAmerican’s  
92 business, agriculture, and residential customers, including low-income  
93 households. The Plan also includes trees and education programs to promote  
94 tree planting and energy efficiency education with customers, their children and  
95 trade allies working with our customers. Between 2014 and 2018,  
96 MidAmerican will have helped customers install more than 9.3 million energy  
97 efficiency measures, and we project that these measures will provide  
98 cumulative savings by 2018 of 1.1 billion kilowatt-hours and 22 million therms.  
99 By year end 2018, MidAmerican’s electric peak demand will be reduced by 504  
100 MW, and we will have invested almost \$512 million in energy efficiency  
101 programs with a total net economic benefit of \$832 million to MidAmerican  
102 and its customers.

103 **Q. Please describe how the programs in this Plan differ from the current plan.**

104 A. MidAmerican’s program development process entailed a review of current  
105 programs and participation, analysis of areas with untapped potential and

106 research to identify approaches that have yielded positive results at other  
107 utilities. Through this process, MidAmerican identified where current activities  
108 could be improved and ways to capture savings through new energy efficiency  
109 measures and targeting of underserved market segments. The process resulted  
110 in a number of changes to program offerings in the following areas.

111 **New programs**

112 MidAmerican incorporates two new programs designed to serve new markets,  
113 provide additional services to markets already being served, or focus on new  
114 technologies. These include Residential HVAC Tune Up, and Upstream Retail  
115 Lighting.

116 **Expansion of existing programs and pilots**

117 MidAmerican identified new components within existing programs and  
118 expansion of successful pilots to better serve the needs of specific market  
119 segments.

- 120 • In the Low-Income program, MidAmerican will deliver approximately  
121 20,000 Home Energy Reports to Low Income Home Energy Assistance  
122 Program (LIHEAP) eligible customers. The reports will be tailored to  
123 include low/no-cost energy efficiency tips suitable and beneficial for  
124 tenants. This expansion of the Low-Income program leverages and  
125 expands the Home Energy Report pilot program, currently included in  
126 the Residential Third Party program.
- 127 • The Residential Third Party program will transition to the new  
128 Residential Behavioral program, which grows the Home Energy Report

129 program from 50,000 participants to 170,000 participants in the new  
130 Plan.

131 • The Commercial Assessment program will be reconfigured to include  
132 two assessment tracks to accommodate a range of facility types and  
133 sizes and to meet the unique needs of commercial customers. The  
134 program will offer services through two program tracks; Track I –  
135 Assessments and Track II – Building Tune Up/Retrocommissioning.  
136 The Assessments track will be similar to the existing Small Commercial  
137 Audit program, but with increased targeting of specific market  
138 segments. The goal of the Building Tune Up track is to find easy to fix  
139 items that will enhance building performance and reduce energy  
140 consumption. The goal of the Retrocommissioning track is to optimize  
141 existing building systems and reduce energy consumption. Energy  
142 saving opportunities in existing stand-alone data centers and internal  
143 server rooms and server closets will be pursued and leveraged through  
144 the Commercial Assessment program; while energy saving  
145 opportunities for new data centers will be pursued through the  
146 Commercial New Construction program.

147 • The Nonresidential Energy Analysis (NEA) program will now serve  
148 only industrial customers and include an expanded trade ally initiative.  
149 This initiative will educate a subset of trade allies on all NEA program  
150 details, as well as how to leverage the program with customers to sell

151 energy efficiency projects, enabling trade allies to further assist their  
152 customers with their projects.

153 • The Commercial New Construction (CNC) program will include a track  
154 to serve customers that previously participated in the CNC program and  
155 are interested in additional assistance to achieve ongoing efficient  
156 performance and increased energy savings.

157 **New energy efficiency measures**

158 MidAmerican also added a number of new measures to the prescriptive  
159 Residential and Nonresidential Equipment programs.

160 • New key residential measures include ENERGY STAR® doors and  
161 vinyl siding with insulating foam backing.

162 • New key nonresidential measures include electronically commutated  
163 motors for display cases, walk-in freezers and broilers.

164 **Exclusions from the Plan**

165 MidAmerican's Plan eliminates two programs and a pilot from its 2009-2013  
166 Plan: Efficiency Bid, Home Performance with ENERGY STAR® and Third-  
167 Party. These programs or pilot were eliminated for the following reasons:

168 • The program demonstrated low cost-effectiveness,  
169 • Customers demonstrated a lack of interest, and/or  
170 • The elimination of these programs streamlined operations of the Plan as  
171 a whole.

172 MidAmerican also eliminated almost all prescriptive incentives with  
173 historically low participation rates and those that did not achieve  
174 MidAmerican's cost-effectiveness threshold.

175 **Q. How difficult will it be for MidAmerican to achieve the performance goals**  
176 **established in the Plan?**

177 A. MidAmerican's comprehensive portfolio of energy efficiency programs  
178 includes education, technical assistance, financial incentives and other essential  
179 elements necessary for consumers to be able and willing to participate in the  
180 programs. Although MidAmerican is confident that the portfolio will create the  
181 opportunity to generate savings necessary to meet the Plan's goals, there are  
182 several factors outside of MidAmerican's control that may constrain the level of  
183 savings potential realized. Over the last two years, MidAmerican has seen  
184 decreases in natural gas prices. Further price reductions in natural gas during  
185 the duration of this Plan may result in a lack of interest in energy-efficiency  
186 among natural gas users.

187 Additionally, changes in equipment energy-efficiency standards and the  
188 adoption of more stringent building codes during the Plan, e.g. 2012  
189 International Energy Conservation Code, will result in additional measures  
190 failing cost-effectiveness testing and will significantly diminish the projected  
191 savings. One additional factor with the potential to significantly impact  
192 MidAmerican's ability to achieve its projected goals is the uncertainties  
193 regarding the future potential of compact fluorescent lamps (CFLs), as  
194 provisions of the 2007 Energy Independence and Security Act (EISA) continue

195 to be implemented. Since CFLs are a significant source of electric savings in  
196 the Plan, MidAmerican will attempt to minimize the anticipated impacts to  
197 electric savings, should the allowable savings for CFLs be reduced, by  
198 incorporating new lighting measures, incentivizing customers to pursue new  
199 efficient lighting technologies and educating the customer on how to purchase  
200 the right product in the Plan. However, measures alone cannot mitigate all  
201 barriers affecting a consumer's decision to participate in any energy-efficiency  
202 program.

203 **Q. Please describe the residential programs included in the Plan.**

204 A. MidAmerican will continue to offer four existing residential programs,  
205 introduce one new program and transition another program from the Third-  
206 Party program. The six residential programs include:

- 207 • **Residential Equipment program** provides rebates to encourage  
208 customers to purchase high-efficiency space conditioning equipment,  
209 water heating equipment and appliances. The program also encourages  
210 quality installation of heating and cooling equipment by tying rebates for  
211 HVAC equipment to quality installation by a SAVE (System  
212 Adjustment & Verified Efficiency) certified contractor.
- 213 • **Residential Assessment program** provides free energy assessments,  
214 energy savings suggestions, direct installation of simple energy-  
215 efficiency measures and rebates for more extensive building shell  
216 retrofits. There are two assessment options available to customers:

- 217 • HomeCheck®, which provides participants with an on-site  
218 energy assessment.
- 219 • HomeCheck® Online, which allows customers to perform  
220 Internet-based assessments of their own homes.

221 The program will offer enhanced incentives for completion of multiple  
222 projects identified during the assessment. Additionally, a HVAC tune up  
223 coupon will be given to on-site participants to encourage them to have  
224 their HVAC tune up completed by a SAVE-certified contractor.

- 225 • **Residential New Construction program** promotes the construction of  
226 energy efficient new housing, addressing both the building shell and the  
227 equipment used inside the home. The program provides builders with  
228 financial incentives to offset the higher cost of energy efficient  
229 construction. Additionally, the program provides the homeowner with a  
230 certificate, which is recognized by the real estate community as  
231 evidence that the home is highly energy efficient.
- 232 • **Residential Behavioral program** is designed to encourage energy  
233 savings through behavioral modification. The program provides  
234 customers with Home Energy Reports that contain personalized  
235 information about their energy use and provide smart ways to make  
236 their homes more efficient. This program was previously included under  
237 the Third-Party program in EEP-08-2.

- 238           • **Residential Load Management program** provides financial incentives  
239           to customers that allow MidAmerican to control their central air  
240           conditioning on summer peak days.
- 241           • **Residential HVAC Tune Up program** is a new program and promotes  
242           the proper maintenance and operation of heating and cooling systems by  
243           residential customers in existing homes. The program provides  
244           customers with rebates to offset the cost of increasing the efficiency of  
245           existing equipment and utilizes participating contractors that have been  
246           SAVE-certified. Targeted equipment includes heating and cooling  
247           equipment and ductwork.

248 **Q. Please describe the nonresidential programs included in the Plan.**

249 A. MidAmerican will continue to offer five of the seven existing nonresidential  
250 programs, including:

- 251           • **Nonresidential Equipment program** provides rebates to encourage  
252           customers to purchase specified efficient heating, cooling, water  
253           heating, lighting, motors, commercial kitchen equipment and insulation  
254           measures. The Nonresidential Custom program included in the previous  
255           plan is now included in the Nonresidential Equipment program as a  
256           “custom track.” The custom track encourages customers to pursue  
257           energy efficiency projects or purchase efficient equipment that is not  
258           included in the prescriptive list of equipment, but is still cost-effective.  
259           For example, new commercial technologies with savings potential

260 would be evaluated under the custom track to determine cost-  
261 effectiveness.

262 • **Commercial Assessment program** promotes comprehensive energy  
263 efficiency for existing commercial buildings, regardless of size. The  
264 program will offer services through two program tracks, tailored to the  
265 unique needs of commercial customers. The two tracks include:

266 **Track I – Assessments**

267  
268 • **Small Commercial Assessments** – targets smaller commercial  
269 buildings that generally use <500,000 kWh per year and are typically  
270 less than 25,000 square feet. Identified customer segments will  
271 receive an energy assessment, information regarding how their  
272 segment uses energy, installed low-cost energy efficiency measures,  
273 and recommendations for capital investment projects.

274 • **Large Commercial Assessments** – targets commercial buildings  
275 that generally use >500,000 kWh/year that would *not* be better served  
276 by the Building Tune Up/Retrocommissioning track. Customers will  
277 receive an energy assessment; recommendations for follow-up  
278 measures will generally include a higher number of capital  
279 investment projects.

280 **Track II – Building Tune Up/Retrocommissioning**

281 • **Building Tune Up** – offers a “find and fix” tune up method for  
282 small commercial buildings that are generally <100,000 square feet,  
283 have rooftop units, and are free of major problems requiring costly

284 repairs or replacements. This service targets smaller buildings that  
285 can achieve superior results from simple retrocommissioning  
286 strategies and operator training without having to incur the expense  
287 and capital investments to replace or abandon systems. The goal of  
288 a building tune up is to find easy to fix items that will enhance  
289 building performance and reduce energy consumption. Examples of  
290 corrective measures might include scheduling programmable  
291 thermostats, adjusting/adding economizers, repairing failed  
292 actuators, and adjusting minimum outside air percentages.

- 293 • **Traditional Retrocommissioning** – offers traditional  
294 retrocommissioning strategies for large buildings that are generally  
295 >100,000 square feet, have central systems, an energy management  
296 system with direct digital control, and are free of major problems  
297 requiring costly repairs or replacements. This service targets larger,  
298 more complex commercial buildings that can achieve superior  
299 results from intensive retrocommissioning strategies and operator  
300 training without having to incur the expense and capital  
301 investments to replace or abandon systems. The goal of traditional  
302 retrocommissioning is to optimize existing building systems and  
303 reduce energy consumption. Examples of corrective measures  
304 might include optimizing economizer and ventilation controls,  
305 improving equipment sequencing and scheduling, and optimizing  
306 fans and pumps.

307                   **Data Centers** – It is important to note that energy saving  
308                   opportunities in existing stand-alone data centers and internal  
309                   server rooms and server closets will be pursued and leveraged  
310                   through the Commercial Assessment program. Localized data  
311                   centers, server rooms, and server closets, in particular, can be  
312                   difficult to reach through a separate program because the market is  
313                   disaggregated. When a customer participates in Building Tune  
314                   Up/Retro-commissioning, a facility’s data center will be addressed.  
315                   Many of the energy saving opportunities can be addressed by  
316                   managing data center air flow and adjusting and improving the  
317                   HVAC system. When applicable, a data center efficiency study will  
318                   be recommended to explore and validate additional data center  
319                   energy savings opportunities for the customer’s unique data center  
320                   environment.

- 321                   • **Nonresidential Energy Analysis program** promotes and incents  
322                   comprehensive efficiency strategies in large existing industrial facilities.  
323                   Program participants work in partnership with MidAmerican as well as  
324                   trade allies to identify and implement comprehensive energy efficiency  
325                   measures. Through this program, MidAmerican offers a no-cost scoping  
326                   level, facility-wide energy assessment as well as assistance with detailed  
327                   investment-grade studies.
- 328                   • **Commercial New Construction program** promotes the design and  
329                   construction of high-efficiency commercial buildings, including new

330 building construction as well as major renovations of existing buildings.  
331 The program is delivered in partnership with developers, architects,  
332 engineering firms and equipment contractors and provides a mix of  
333 technical and financial assistance to help influence projects during the  
334 planning stage. Energy design assistance and construction incentives are  
335 offered to reduce market barriers to incorporating energy efficiency in  
336 construction projects. The program will continue to offer services through  
337 the existing program tracks tailored to the varying needs of different market  
338 segments. Additionally, a new track, known as Ongoing Performance, will  
339 be added to the program. This track will target buildings that have already  
340 participated in the Commercial New Construction program and are  
341 interested in additional assistance to achieve ongoing efficient performance  
342 and increased energy savings.

343 **Data Centers** –Newly constructed data centers are served through the  
344 Commercial New Construction program and will be placed in the  
345 appropriate track. Due to the energy intensity of these building types,  
346 they are prime targets for energy efficient design measures. Energy  
347 saving design opportunities will be identified for the customer’s unique  
348 data center environment.

349 • **Nonresidential Load Management program** provides commercial and  
350 industrial customers with financial incentives in return for agreeing to  
351 reduce electric demand during peak hours when notified by MidAmerican’s  
352 internet-based monitoring and communication system.

353 **Q. Will MidAmerican offer any other programs?**

354 **A.** Yes, MidAmerican will offer programs that address customer segments that  
355 span multiple sectors. MidAmerican will continue to offer six of the seven  
356 existing multiple-sector programs and transition another from the Residential  
357 Equipment program. The multiple-sector programs include:

- 358 • **Appliance Recycling program** offers financial incentives to customers  
359 to stop using old, inefficient refrigerators, freezers and room air  
360 conditioners and helps them dispose of the old units.
- 361 • **Upstream Retail Lighting program** promotes the purchase of energy-  
362 efficient equipment by customers in new and existing buildings. The  
363 program coordinates with upstream suppliers and retailers providing  
364 customers with in-store rebates to offset the higher purchase cost of  
365 efficient lighting. The program will offer standard and specialty  
366 ENERGY STAR CFL and LED lighting products. The program is  
367 marketed under the name *Be Bright!* This program was previously  
368 included under the Residential Equipment program in Docket No. EEP-  
369 08-2.
- 370 • **Low-Income program** provides financial incentives and education to  
371 encourage energy efficiency in existing low-income housing. The  
372 program is delivered through four separate components to meet the  
373 needs of different customer segments. The program includes three  
374 residential components – weatherization, Energy Wise and Home  
375 Energy Reports. Weatherization only addresses single-family housing

376 whereas Energy Wise and Home Energy Reports also are available to  
377 apartment dwellers. The fourth component provides energy efficiency  
378 services to multifamily and institutional housing projects.  
379 Approximately 20,000 Home Energy Reports containing low-cost and  
380 no cost energy efficiency tips will be sent to Low Income Home Energy  
381 Assistance Program (LIHEAP) eligible customers through this program.

382 • **Multifamily Housing program** provides a comprehensive set of  
383 services and financial incentives to help multifamily property owners,  
384 property managers, landlords and renters improve the efficiency of  
385 existing buildings.

386 • **Agriculture program** provides comprehensive on-site energy  
387 assessments to identify areas of high energy use, recommend energy-  
388 savings opportunities, and provide information on available incentives.  
389 The program promotes the purchase of high-efficiency equipment by  
390 agricultural customers through prescriptive and custom incentives.

391 • **Education program** promotes energy efficiency education through  
392 activities organized into four general areas: training, school curricula,  
393 awareness and trade ally support.

394 • **Trees program** promotes tree planting through four different program  
395 components, Plant some shade®, Trees Please!, Trees for Kids/Teens  
396 and Trees for E-bills. Each component provides grants or other financial  
397 incentives as well as educational materials targeting a specific customer  
398 segment.

399 In additional to these residential, nonresidential and multiple-sector programs,  
400 the proposed Plan includes a budget for Assessments, which covers the  
401 remittances that MidAmerican collects from customers to fund the Iowa Energy  
402 Center, the Center for Global and Regional Environmental Research and the  
403 Iowa Utilities Board direct assessments.

404 **Q. Does MidAmerican’s proposed Plan include coordination with other**  
405 **utilities who share service territories with MidAmerican as required by**  
406 **199 IAC 35.8(9)”?a”?**

407 **A.** Yes.

408 **Q. How will MidAmerican coordinate energy efficiency programs with other**  
409 **gas and electric utilities?**

410 **A.** Today, MidAmerican coordinates with several utilities to deliver energy  
411 efficiency programs to our mutual customers. This coordination will continue  
412 and is accomplished through arrangements to share incentive costs for the  
413 installation of energy efficiency measures that provide both natural gas and  
414 electricity savings to customers with two different utility providers. Programs  
415 included in the Plan that require this coordination include:

416 • **Commercial New Construction** – MidAmerican and the other two  
417 Iowa investor-owned utilities rely on a professional commercial design  
418 firm for delivery of all commercial new construction services with the  
419 exception of small buildings and ongoing performance.

420 • **Residential Assessment** – MidAmerican and the two Iowa investor  
421 owned utilities coordinate on certain program design and delivery

422 elements and to provide information about energy-efficiency programs  
423 available to their shared customers. Additionally, MidAmerican  
424 maintains active coordination agreements with the municipal utilities  
425 located in Algona, Eldridge, Indianola, Waukee and Winterset. Algona  
426 and Indianola were added to this list since MidAmerican's previous  
427 energy efficiency plan filing.

428 • **Low-income** – MidAmerican and the two other Iowa investor owned  
429 utilities provide funding to support energy-efficiency improvements in  
430 eligible multifamily properties and institutional facilities where low-  
431 income customers reside.

432 **Q. Is MidAmerican proposing any pilot projects in this Plan?**

433 A. No. MidAmerican is not proposing any pilot projects as part of this Plan.  
434 MidAmerican is planning, however, to develop rates for a small selection of  
435 company-owned unmetered LED street lights as part of its upcoming rate filing.  
436 MidAmerican plans to begin offering those lights on a limited pilot basis  
437 following approval of its LED street light rates by the Board.

438 **Q. Does this conclude your prepared direct testimony?**

439 A. Yes, it does.

February 01, 2013

IOWA UTILITIES BOARD

STATE OF IOWA

BEFORE THE IOWA UTILITIES BOARD

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IN RE:

MIDAMERICAN ENERGY COMPANY

Docket No. EEP-2012-0002

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AFFIDAVIT  
OF  
TINA M. YODER

STATE OF IOWA            )  
                                  )    ss.  
COUNTY OF SCOTT        )

I, Tina M. Yoder, being first duly sworn on oath, depose and state that I am the same Tina M. Yoder identified in the Direct Testimony; that I have caused the Direct Testimony, to be prepared and am familiar with the contents thereof; and that the Direct Testimony, is true and correct to the best of my knowledge and belief as of the date of this Affidavit.

/s/ Tina M. Yoder  
Tina M. Yoder

SUBSCRIBED AND SWORN TO before me this 1<sup>st</sup> day of, February, 2013.

/s/ Debbie A. Sanders  
Notary Public in and for the State of Iowa  
My commission expires on January 3, 2015