



# Rural Cooperatives and Agricultural Energy Efficiency

ACEEE

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Iowa Association of Electric Cooperatives  
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# IAEC

- ➔ IAEC Membership
- ➔ Iowa Area Development Group
- ➔ RECs & Value Added Ag
- ➔ RECs Efficiency



# Economic Impact Study

- ➔ Iowa electric cooperatives generated about \$1.1 billion of output into Iowa's economy in 2006
- ➔ Increase of 23% from 2003
- ➔ Managed a \$679 million business that directly affected the jobs of 6,900 and generated \$176 million in local income



# Economic Impact Study

- ➔ Leveraged \$6.8 million in grants and loans into a \$220 million impact on local business investment
- ➔ Invested \$11.7 million in energy efficiency programs and services and saved member-consumers more than \$18 million



# Economic Impact Study

- ➔ Strategic Economics Group was founded in 2001 by Harvey Siegelman and Daniel Otto. Siegelman served as Iowa's state economist for 20 years and Otto is a professor of economics at Iowa State University.
- ➔ [http://www.iowarec.org/whats\\_new/4321](http://www.iowarec.org/whats_new/4321)



# Iowa REC's & Efficiency

- ↳ Iowa REC EE 1990-2006
  - Investment \$93 Million (+2% Annual Revenues)
  - 1.2 Billion KWhs Saved
  - \$159 Million Saved for REC Members
- ↳ Demand Side Only

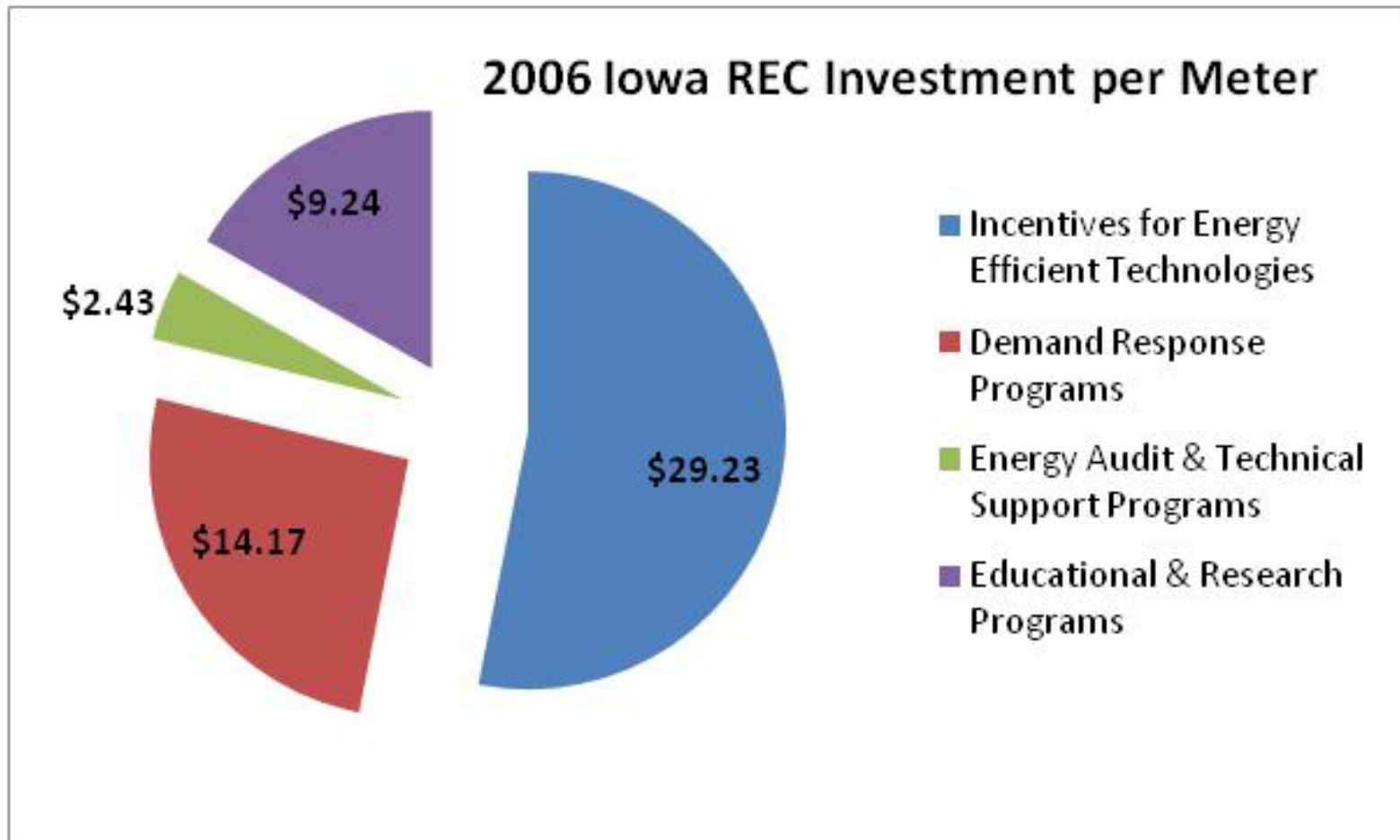


# Iowa REC's & Efficiency

- ↳ Iowa REC 2006 Results
  - Invested \$11.7 Million
    - 2.8% '06 Revenues
    - +\$55 Investment in EE per customer
  - Saved enough kWhs to power nearly 12,000 rural homes
- ↳ Demand Side Only



# Iowa REC's & Efficiency







# Future

- ➔ EE will be a part of energy solution
- ➔ Taking REC EE Programs from Good to Great!
- ➔ Technology
- ➔ Next Generation of REC Member-Owners



↳ Questions?