

Economic Investments in Iowa



Office of Building Technology, State and Community Programs (BTS)

BTS works with partners in the private and non-profit sectors and in state and local governments to make the nation's residential and commercial building stock more energy-efficient, comfortable, affordable, and sustainable.

The mission of DOE's Office of Energy Efficiency and Renewable Energy is to promote a strong economy, cleaner environment, and more secure future through the development and deployment of energy efficient and renewable energy technologies.

BTS invested a total of \$9.7 million in Iowa in Fiscal Years 2001 and 2002



The **Iowa State Energy Office in Des Moines**, through the State Energy Program (SEP), received \$537,000 in FY 2001 and \$625,000 in FY 2002 for a variety of activities including implementation of the State Energy Plan, improving State Building Energy Codes, and providing public education and awareness efforts (e.g., hotlines, publications, and training).

Iowa State Energy Program
(millions of dollars)



The **Robur Corporation in Walcott** received \$1.6 million in FY 2000 to continue to fabricate GAX prototype heat pumps for multiple field tests and demonstrations. Robur will incorporate the manufacturing process for GAX heat pumps into present gas chiller production lines. The GAX heat pump will then be commercialized under a cost-shared program with DOE, the gas industry, and heat pump manufacturers.



The cities of **Centerville, Harlan, LeMars, Waterloo, and Waverly** along with **Hamilton County S.E.E.D., Rebuild Akron, Rebuild Cedar Falls, Rebuild Des Moines, Rebuild Iowa, Rebuild Muscatine, Rebuild Pella, Rebuild Polk County, and Rebuild Webster City** received technical assistance from the Rebuild America program valued at a combined total of \$280,000 in FY 2002. This program accelerates energy efficiency improvements in existing commercial, institutional and multifamily residential buildings through private-public partnerships created at the community level. It also assists with business planning, technical product development, marketing, workshops, and training for its partners.



The **Iowa State Energy Office in Des Moines** received \$148,200 in FY 2001 from the SEP Special Projects Office of Codes and Standards to adopt a more recent energy code, provide energy code training, to collect building data to determine a baseline of current residential building practices and level of energy code compliance.



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America's buildings — our homes, workplaces, and institutional buildings — consume roughly \$230 billion worth of energy each year. The average family spends about \$1,300 on home energy. Energy for buildings has environmental as well as economic implications: its production, distribution, and use affect our environment and health through the emission of carbon dioxide, sulfur dioxide and nitrogen oxides.



The **Weatherization Assistance Program**, through 18 local service providers (e.g., community action agencies) is working to increase energy efficiency and reduce the burden of energy costs to low-income Iowa residents, especially households with elderly residents, individuals with disabilities, and families with children. In FY 2001, Federal funding combined with leveraged state and local resources resulted in the weatherization of approximately 1,581 homes. In FY 2002 Iowa residents was allocated \$5,051,761 in weatherization funding.

Iowa Weatherization
(millions of dollars)

