

Economic Investments in Alabama



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 \$5.7 million in Alabama in Fiscal Years 2001 and 2002



The Alabama Department of Economic and Community Affairs—Science, Technology and Energy Division in Montgomery, through the State Energy Program (SEP), received \$604,000 in FY 2001 and \$726,000 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).

Alabama State Energy Program
(millions of dollars)



Alabama Power Company in Birmingham received \$140,000 in FY 2001 and \$100,000 in FY 2002 to conduct a market transformation program for heat pump water heaters based on FY 2000 competitive solicitation.



Rebuild Alabama received a Rebuild America Community Partnership Grant of \$125,000 in FY 2000. This federal/state/local government partnership with the private and non-profit sectors supports the national program goals of reducing energy use by 100 trillion Btus/year by 2003 and saving \$650 million a year in avoided energy bills for commercial building owners and multi-family housing tenants.



Through the SEP Special Projects Office of Codes and Standards, the Alabama Department of Economic and Community Affairs—Science, Technology and Energy Division in Montgomery, received funding of \$60,000 in FY 2001 to encourage local jurisdictions in the state to adopt the voluntary Residential Energy Code of Alabama (RECA) in their local building codes by educating local building departments in the benefits of RECA.



Montgomery Area Center for Entrepreneurial Development, Prichard-Alabama Rebuild America Program (PARAP), and Rebuild Alabama received technical assistance from the Rebuild America program valued at a combined total of \$60,000 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.



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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 21 local service providers (e.g., community action agencies) is working to increase energy efficiency and reduce the burden of energy costs to low-income Alabama 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 905 homes. In FY 2002, Alabama was allocated \$2,437,309 in weatherization funding.

Alabama Weatherization
(millions of dollars)



As part of the Building America Program, **Mitchell Homes in Mobile** received technical assistance in FY 2002 valued at \$10,000 through the CARB Consortium. Building America is an industry-driven program helping to stimulate major changes in how residential buildings are designed, built, and delivered to the consumer. The program applies systems engineering in order to accelerate the adoption of building processes and technical innovations, which result in energy efficient, environmentally sensitive, affordable, and adaptable residences on a community-wide scale.