

Economic Investments in Georgia



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 \$8.6 million in Georgia in Fiscal Years 2001 and 2002



The **Georgia Energy Office** in Atlanta, through the State Energy Program (SEP), received \$833,000 in FY 2001 and \$1,012,000 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).

Georgia State Energy Program
(millions of dollars)



The **American Society for Heating, Refrigeration, and Air Conditioning Engineers (ASHRAE)** in Atlanta received \$400,000 for FY 2002 to support work on residential ventilation standards and for fundamental research on mass and conduction heat flows, and an additional \$75,000 for a thermal distribution field test.



Through the SEP Special Projects Office of Codes and Standards, the **Georgia Energy Office** in Atlanta received funding of \$185,732 in FY 2001 to provide training and technical assistance to ensure local implementation of the energy code.



Building Owners and Managers Association of Atlanta, Inc., City of Atlanta, City of Stone Mountain, Emory University, Georgia Institute of Technology, Rebuild Georgia, Rebuild Lamar County Schools, and Rockdale County Public Schools received technical assistance from the Rebuild America program valued at a combined total of \$160,000 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 **Georgia Energy Office** in Atlanta, through the SEP Office of Special Projects was awarded \$88,312 in FY 2001 to provide an aggressive outreach campaign at the 2002 International Builders Show, by which builders from across Georgia, as well as the nation, will learn of Building America and the value of high performance houses. In addition, Georgia Building America will provide training to home builders across the State. The web-linked technical assistance activities have the potential to reach builders throughout the region.

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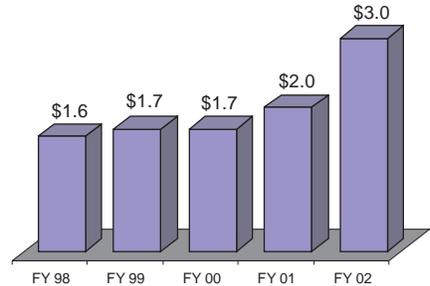
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America's buildings — our homes, workplaces, and institutional buildings — consume roughly \$230 billion worth of energy each year. The average family spends about \$1,300 on home energy. Energy for buildings has environmental as well as economic implications: 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 22 local service providers (e.g., community action agencies) is working to increase energy efficiency and reduce the burden of energy costs to low-income Georgia 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 746 homes. In FY 2002, Georgia was allocated \$2,964,538 in weatherization funding.

Georgia Weatherization
(millions of dollars)



As part of the Building America Program, the Building Sciences Consortium (BSC) provided technical assistance valued at \$20,000 in FY 2002, used in construction of 35 houses in **Cobb County** by **Habitat For Humanity** and **Ashland Homes** in **Fairburn**. The Integrated Building and Construction Solutions (IBACOS) Consortium provided partners at **Hedgewood Properties** and **Venture Homes** in **Atlanta** with technical assistance valued at a combined \$20,000, used in the construction of 253 houses. In addition, **Habitat for Humanity of Sumpter County in Americus**, where 17 houses have been completed, received technical assistance valued at \$10,000 through the Industrialized Housing Partnership (IHP). 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.