

Economic Investments in Florida



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 Florida in Fiscal Years 2001 and 2002



The Florida Energy Office, Department of Community Affairs in Tallahassee, through the State Energy Program (SEP), received \$1,283,000 in FY 2001 and \$1,552,000 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).

Florida State Energy Program
(millions of dollars)



The Industrialized Housing Partnership (IHP) received \$1.5 million in funding from Building America in FY 2002 as one of the five Building America Program consortia. Building America is an industry-driven program 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.



The Florida Solar Energy Center (FSEC) received \$240,000 in FY 2002 to support the National Fenestration Rating Council and conduct Florida workshops under the Efficient Window Collaborative. FSEC is working with the Energy Efficient Industrialized Housing program to develop a new generation of manufactured housing; conducting whole house monitoring of new energy-efficient houses; partnering with the American Lung Association to design, construct, and monitor Health Houses that are not only energy efficient, but also minimize allergens so that allergy and asthma sufferers can breathe easier. FSEC provides technical assistance to Habitat for Humanity at locations across the United States.



The Florida Energy Office, Department of Community Affairs in Tallahassee, through SEP Special Projects, Office of Codes and Standards received \$50,000 in FY 2000 to develop software tools that can be continually and easily updated to conform to evolving energy efficiency standards such as ASHRAE/IESNA 90.1 and the IECC.



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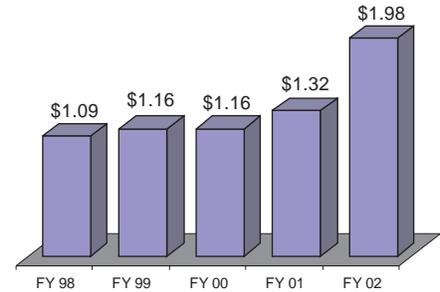
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America's buildings — our homes, workplaces, and institutional buildings — consume roughly \$230 billion worth of energy each year. The average family spends about \$1,300 on home energy. Energy for buildings has environmental as well as economic implications: 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 35 local service providers (e.g., community action agencies) is working to increase energy efficiency and reduce the burden of energy costs to low-income Florida residents, especially households with elderly members, 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 747 homes. In FY 2002, Florida was allocated \$1,980,000 in weatherization funding.

Florida Weatherization
(millions of dollars)



Brevard Public Schools, City of Quincy Community Redevelopment Agency, Cross Creek Initiative, Daytona Beach Partnership, Educational Energy Managers Association of Florida, Marion County Public Schools, Orange County Public Schools, Panama City Housing Authority, Rebuild Central Florida, Rebuild Florida, Rebuild Sarasota County, and Tallahassee Housing Authority received technical assistance from the Rebuild America program valued at a combined total of \$240,000 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.



As part of the Building America program, **Pulte Homes, Mitchell Homes, Mercedes Homes, Atlantic Design, Barry Bullard, Bobroff Housing Concepts, Brenneman Homes, Edinborough Development Corp., Emmer Development, Gainesville Builders Assoc., Joyner Construction, Lewis Place, Inc., Loren Spies, Millpond Developers, Nova Construction, Spain, Stanford Construction, Radford Construction, Tonnelier Custom Homes, Palm Harbor Homes, Palmetto Builders, and Beck Builders**, all received technical assistance from the Industrialized Housing Partnership to assist with designs for houses in Florida. 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 development and adoption of building processes and technical innovations, which result in energy efficient, environmentally sensitive, affordable, and adaptable residences on a community-wide scale.