

# 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.



# Economic Investments in Alabama



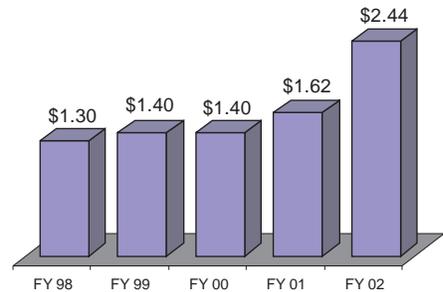
## Office of Building Technology, State and Community Programs (BTS)

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.

# Economic Investments in Arkansas



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***BTS invested a total of \$4.5 million in Arkansas in Fiscal Years 2001 and 2002***



The Arkansas Energy Office in Little Rock, through the State Energy Program (SEP), received \$462,000 in FY 2001 and \$558,000 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).

Arkansas State Energy Program (millions of dollars)



**Cabot Public Schools, Center for the Arts, the city of Marianna, Rebuild Alzheimer, Rebuild Arkansas, Rebuild Bradley County, Rebuild Fayetteville, Rebuild Gentry, Rebuild Hector Public Schools, Rebuild Leslie, Rebuild Little Rock, Rebuild Mississippi County, Rebuild Scotland Public Schools, Russellville School District, Sheridan School District, and the town of Anthonyville** received technical assistance from the Rebuild America program valued at a combined total of \$320,000 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 Arkansas Energy Office in Little Rock received \$37,400 from SEP Special Projects Office of Codes and Standards in FY 2000 to provide greater levels of education and information for builders, code officials, and others and to encourage a larger segment of the building community to meet or exceed the minimums of the Energy Code.



# Economic Investments in Arkansas



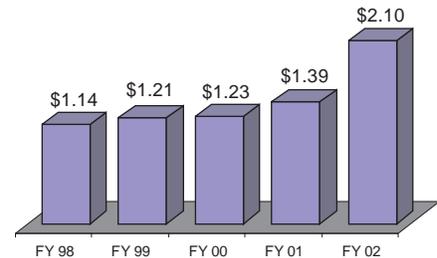
## Office of Building Technology, State and Community Programs (BTS)

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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 Arkansas 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 1,167 homes. In FY 2002, Arkansas was allocated \$2,096,068 in weatherization funding.

**Arkansas Weatherization**  
(millions of dollars)



# Economic Investments in Florida



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

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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.



# Economic Investments in Florida



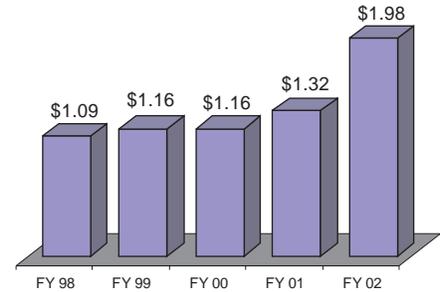
Office of Building Technology, State and Community Programs (BTS)

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.

# 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.



# Economic Investments in Georgia



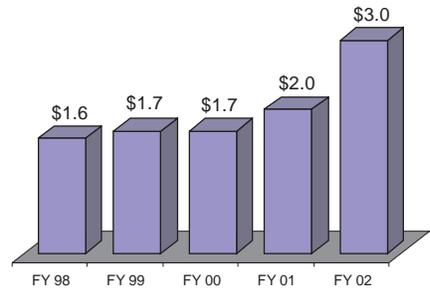
## Office of Building Technology, State and Community Programs (BTS)

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.

# Economic Investments in Kentucky



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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 \$9.0 million in Kentucky in Fiscal Years 2001 and 2002**



The Kentucky Department of Natural Resources, Division of Energy in Frankfort, through the State Energy Program (SEP), received \$620,000 in FY 2001 and \$735,000 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).

**Kentucky State Energy Program**  
(millions of dollars)



The Kentucky Department of Natural Resources, Division of Energy in Frankfort received \$81,000 in FY 2002 from the SEP Special Projects Office of Codes and Standards to inform decision makers and building design and construction professionals about energy code options including the IECC and compliance tools.



Rebuild Kentucky received technical assistance from the Rebuild America program valued at \$20,000 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 Weatherization Assistance Program, through 24 local service providers (e.g., community action agencies) is working to increase energy efficiency and reduce the burden of energy costs to low-income Kentucky 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 1,477 homes. In FY 2002, Kentucky was allocated \$4,576,408 in weatherization funding.

**Kentucky Weatherization**  
(millions of dollars)



# Economic Investments in Mississippi



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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 \$4.0 million in Mississippi in Fiscal Years 2001 and 2002**



The **Mississippi Department of Economic and Community Development in Jackson**, through the State Energy Program (SEP), received \$441,000 in FY 2001 and \$535,000 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).

**Mississippi State Energy Program**  
(millions of dollars)



The **Mississippi Department of Economic and Community Development in Jackson**, through the SEP Special Projects Office of Codes and Standards received \$212,312 in FY 2001 for the adoption of IECC, mandatory energy efficiency training requirements for building code officials, builders, subcontractors, architects, and engineers; effective code enforcement strategies; and standards.



The cities and towns of **Coahoma, Ellisville, Holly Springs, Jackson, Meridian, Metcalfe, Morgan City, Natchez, Rolling Fork, Shaw, Shelby, and Winstonville** along with **Historic Hattiesburg Downtown Association, Main Street Columbia, Inc., Mississippi Band of Choctaw Indians, and Rebuild Mississippi** received technical assistance from the Rebuild America program valued at a combined total of \$320,000 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.

# Economic Investments in Mississippi



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The Weatherization Assistance Program, through nine local service providers (e.g., community action agencies) is working to increase energy efficiency and reduce the burden of energy costs to low-income Mississippi 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 449 homes. In FY 2002, Mississippi was allocated \$1,668,667 in weatherization funding.

Mississippi Weatherization  
(millions of dollars)



# Economic Investments in North Carolina



## 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 \$10.3 million in North Carolina in Fiscal Years 2001 and 2002**



### The North Carolina State Energy Division in Raleigh, through the State Energy Program (SEP), received \$854,000 in FY 2001 and \$1,016,000 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).

North Carolina State Energy Program (millions of dollars)



In a cooperative effort with the **Environmental Protection Agency (EPA)** in **Research Triangle Park**, BTS funded \$595,000 in FY 2002 for R&D in Supermarket Refrigeration and Defrost cycles.



**Cree Lighting of Durham** was awarded \$500,000 from a FY 2000 Solicitation for R&D in White Light Emitting Diode development for general illumination applications.



**Coastal Community Action, Inc., Four County Community Services, Inc., Gastonia Housing Authority, Johnston-Lee Community Action, Inc., Joint Orange-Chatham Community Action, Inc., Laurinburg Housing Authority, North Carolina Department of Commerce-Energy Division, Rebuild Asheville, Rebuild Concord, Rebuild Duke University Facilities, Rebuild Greensboro, Rebuild Hayti, Rebuild LaGrange, Rebuild Nash & Edgecombe Counties, Rebuild Roanoke-Chowan, Rebuild Salisbury, Rebuild Shelby, and Wilson Housing Authority** received technical assistance from the Rebuild America program valued at a combined total of \$360,000 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.

# Economic Investments in North Carolina



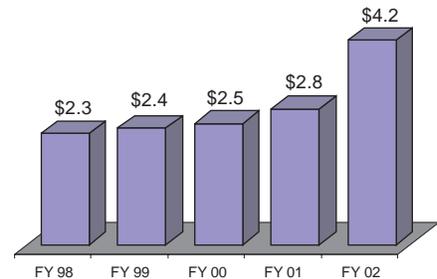
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The **Weatherization Assistance Program**, through 31 local service providers (e.g., community action agencies) is working to increase energy efficiency and reduce the burden of energy costs to low-income North Carolina residents, especially households 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 3,102 homes. In FY 2002, North Carolina was allocated \$4,210,497 in weatherization funding.

North Carolina Weatherization  
(millions of dollars)

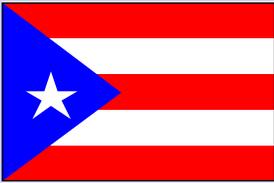


The **North Carolina State Energy Division in Raleigh**, through the SEP Special Projects Office of Codes and Standards received \$155,000 in FY 2001 to design and conduct an assessment of building code compliance for both residential and commercial buildings.



As part of the Building America program, **Pulte Homes in Charlotte** received technical assistance valued at \$10,000 in FY 2002 through the Building Sciences Consortium (BSC) to complete and test one energy efficient demonstration house. **Fortis Homes**, with projects in **Charlotte** and **Raleigh**, received technical assistance valued at \$20,000 in FY 2002 through the Integrated Building and Construction Solutions Consortium (IBACOS) where 2 of 5 planned prototype houses have been completed. **Carolina Country Builders in Pittsboro** received technical assistance valued at \$10,000 in FY 2002 from the National Renewable Energy Laboratory (NREL) in Colorado to complete and test one energy efficient demonstration house. 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.

# Economic Investments in Puerto Rico



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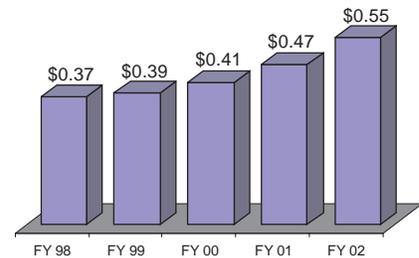


***BTS invested a total of \$1.0 million in Puerto Rico in Fiscal Years 2001 and 2002***



The **Puerto Rico Energy Office in San Juan**, through the State Energy Program (SEP), received \$467,000 in FY 2001 and \$547,000 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).

**Puerto Rico State Energy Program**  
(millions of dollars)



# Economic Investments in South Carolina



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**BTS invested a total of \$4.2 million in South Carolina in Fiscal Years 2001 and 2002**



The **South Carolina Energy Office in Columbia**, through the State Energy Program (SEP), received \$534,000 in FY 2001 and \$640,000 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).

**South Carolina State Energy Program**  
(millions of dollars)



**Harmony Project, Rebuild South Carolina, and South Carolina Energy Research & Development Center** 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.



The **South Carolina Energy Office in Columbia** received \$55,095 in FY 2001 through the SEP Special Projects Office of Codes and Standards as part of a competitive cost-shared incentive grant to 24 states to update and implement energy codes.



As part of the Building America program, the **McIntyre House on Dewees Island** received technical assistance valued at \$10,000 in FY 2002 from the IBACOS Consortium that included planning and design support as well as a detailed series of recommendations for improving system performance, quality, comfort, and productivity. 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. An evaluation home has been constructed.

# Economic Investments in South Carolina



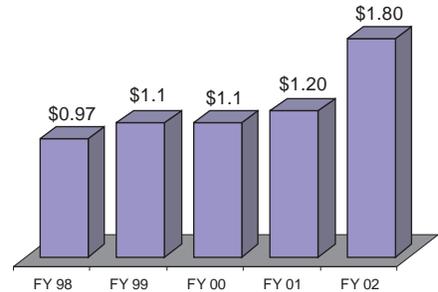
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The **Weatherization Assistance Program**, through nine local service providers (e.g., community action agencies) is working to increase energy efficiency and reduce the burden of energy costs to low-income South Carolina residents, especially households 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 454 homes. In FY 2002, South Carolina was allocated \$1,797,316 in weatherization funding.

South Carolina Weatherization  
(millions of dollars)



# Economic Investments in Tennessee



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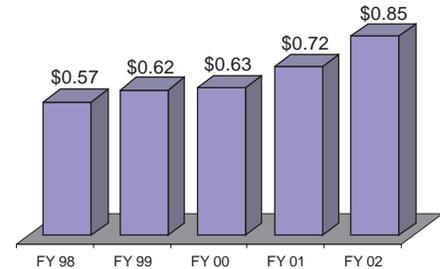
The mission of DOE's Office of Energy Efficiency and Renewable Energy is to promote a strong economy, cleaner environment, and more secure future through the development and deployment of energy efficient and renewable energy technologies.

**BTS invested a total of \$28.2 million in Tennessee in Fiscal Years 2001 and 2002**



The Tennessee Department of Economic and Community Development Energy Division in Nashville, through the State Energy Program (SEP), received \$720,000 in FY 2001 and \$851,000 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).

Tennessee State Energy Program (millions of dollars)



**Oak Ridge National Laboratory (ORNL)** received a combined total of \$18.3 million in FYs 2001 and 2002 to support a variety of building efficiency activities. For example, ORNL:

- Conducts research and provides technical support to the Building America and Rebuild America programs;
- Performs research and development work on thermal insulation materials and energy efficient building structural components (walls, roofs, etc.);
- Conducts energy efficiency research on commercial and multi-family buildings;
- Supports research on commercial test procedures and standards for appliances;
- Tests advanced window glazings; and,
- Provides technical materials and assistance to public housing authorities, non-profits like Habitat for Humanity, and other affordable housing providers.

The **University of Tennessee** received \$765,000 in FY 2002 to support alliances with national organizations representing policy, business, and facility decision makers in key market sectors; K-12, colleges/universities, local government, public and assisted housing and private commercial.



The **Air Quality Consortium** received funding of \$300,000 in FY 2000 to continue investigating the causes and corrections for indoor air quality problems in schools and to continue lab testing of flexible, instrumented desiccant system configurations.



# Economic Investments in Tennessee



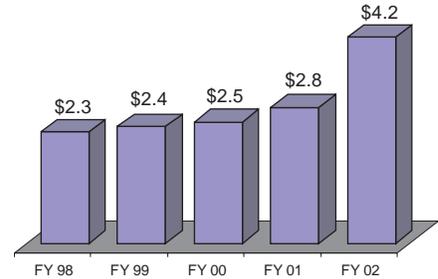
## Office of Building Technology, State and Community Programs (BTS)

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 19 local service providers (e.g., community action agencies) is working to increase energy efficiency and reduce the burden of energy costs to low-income Tennessee 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 2,073 homes. In FY 2002, Tennessee was allocated \$4,233,736 in weatherization funding.

**Tennessee Weatherization**  
(millions of dollars)

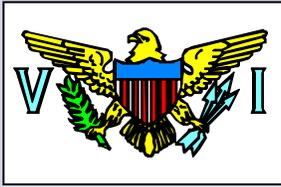


The **University of Tennessee** received \$120,000 in FY 2002 for special event programs such as Earth Day, Energy Month Awareness, and the Building Lecture Series.



**Kingsport City Schools, Middle Tennessee State University, Smith Seckman Reid Inc., the state of Tennessee, Tennessee Department of Finance & Administration, and Visions Five CDC** received technical assistance from the Rebuild America program valued at a combined total of \$120,000 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.

# Economic Investments in the Virgin Islands



## 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 \$0.5 million in the Virgin Islands in Fiscal Years 2001 and 2002*



The Virgin Islands Energy Office in St. Croix, through the State Energy Program (SEP), received \$205,000 in FY 2001 and \$255,000 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).

Virgin Islands State Energy Program (millions of dollars)



Antilles School, Best Western Carib Beach & Emerald Beach Resorts, and the Territory of Virgin Islands 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.