

Economic Investments in Tennessee



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 \$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.



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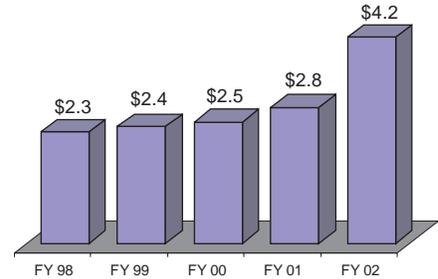
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America's buildings — our homes, workplaces, and institutional buildings — consume roughly \$230 billion worth of energy each year. The average family spends about \$1,300 on home energy. Energy for buildings has environmental as well as economic implications: 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 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.