

Economic Investments in Ohio



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 \$26.5 million in Ohio in Fiscal Years 2001 and 2002



The Ohio Department of Development, Office of Energy Efficiency in Columbus, through the State Energy Program (SEP), received \$1,491,000 in FY 2001 and \$1,728,000 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).

Ohio State Energy Program
(millions of dollars)



Ohio's EnergySmart Schools, Portsmouth Metropolitan Housing Authority, Rebuild Ohio, and the Rebuild Toledo Energy Collaborative, along with 18 other community partners received technical assistance from the Rebuild America program valued at a combined total of \$440,000 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 Ohio Department of Development, Office of Energy Efficiency in Columbus received \$87,300 in FY 2001 from the SEP Special Projects Office of Codes and Standards to focus on training code officials, design professionals, those in the building trades, and teachers and students of the allied building trades in universities and vocational technical schools.



The Ohio Department of Development, Office of Energy Efficiency in Columbus, through the SEP Office of Special Projects, was awarded \$56,300 in FY 2001 to accelerate the deployment (both in Ohio and the region) of design principles and construction methods developed by the Building America program. The project will assess current construction practices, make modifications to plans and drawings, train Habitat for Humanity affiliates, and support affiliates during the construction phase with technical assistance. Manuals will be produced, and training programs provided.



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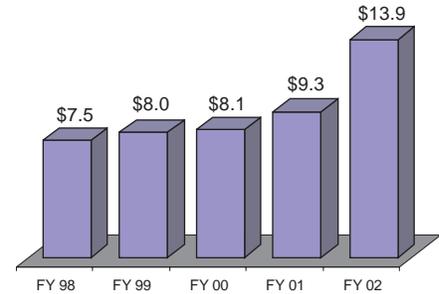
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America's buildings — our homes, workplaces, and institutional buildings — consume roughly \$230 billion worth of energy each year. The average family spends about \$1,300 on home energy. Energy for buildings has environmental as well as economic implications: 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 37 local service providers (e.g., community action agencies) is working to increase energy efficiency and reduce the burden of energy costs to low-income Ohio 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 8,247 homes. In FY 2002, Ohio was allocated \$13,913,935 in weatherization funding.

Ohio Weatherization
(millions of dollars)



As part of the Building America program, the **Randall Homes Corporation in Toledo** and **Greenbuilt Homes in Cleveland** received technical assistance valued at a combined \$20,000 in FY 2002 through the Building Sciences Consortium (BSC) to plan four houses and to reengineer two modular homes. In addition, **New Era Building Systems in Astabula** received technical assistance valued at \$10,000 in FY 2002 through the Integrated Building and Construction Solutions Consortium (IBACOS). 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.