

Economic Investments in Washington



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 \$25.1 million in Washington in Fiscal Years 2001 and 2002



The Washington State Office of Trade and Economic Development (OTED) in Olympia, through the State Energy Program (SEP) formula grant, received \$689,000 in FY 2001 and \$830,000 in FY 2002. Through SEP, OTED works on a number of activities including providing support for the State Energy Library, organizing and hosting energy efficiency conferences, and implementing public building efficiency measures.

Washington State Energy Program
(millions of dollars)



Pacific Northwest Laboratory (PNL) in Richland received a combined total of \$15.4 million in FYs 2001 and 2002 to support a variety of building efficiency projects and programs. For example, PNL:

- Assists states in their efforts to update and improve building codes and standards;
- Conducts research on improving the efficiency of manufactured houses;
- Develops whole-building diagnostic systems;
- Provides marketing and information management support;
- Assists efforts to improve the energy efficiency of affordable housing units; and,
- Provides technical support for the Rebuild America Program.



Affiliated Tribes of Northwest Indians, Avista Utilities, City of Richland, Clark Public Utilities, Climate Solutions, Northwest Energy Efficiency Council, Rebuild REMI, Seattle City Light, Spokane Neighborhood Action Program, Tacoma Housing Authority, Thurston County Fire District #4, Town of Rainier, Washington Department of General Administration, and Washington State University received technical assistance from the Rebuild America program valued at a combined total of \$280,000 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.



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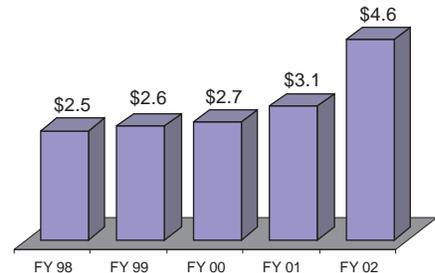
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America's buildings — our homes, workplaces, and institutional buildings — consume roughly \$230 billion worth of energy each year. The average family spends about \$1,300 on home energy. Energy for buildings has environmental as well as economic implications: 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 CTED and local service providers (e.g., community action agencies) is working to increase energy efficiency and reduce the burden of energy costs to low-income Washington 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 1,445 homes. In FY 2002, Washington was awarded \$4,596,956 in weatherization funding.

Washington Weatherization
(millions of dollars)



The **Washington State Department of Community, Trade and Economic Development (CTED)** in Olympia received \$150,000 in FY 2000 from the SEP Special Projects Office of Codes and Standards to foster a highly energy-efficient new construction market by ensuring that energy code compliance tools are widely available, user friendly, cost-efficient, and promote construction of homes exceeding the code.



Ecotope in Seattle received \$146,000 in FY 2002 for field evaluation of improved methods for measuring the air leakage of duct systems under normal operating conditions.



As part of the Building America program, **Super Good Cents** in Woodland and Valley Manufactured Housing in Sunnyside received technical assistance through the Industrialized Housing Partnership (IHP) valued at \$20,000 in FY 2002 that included planning and design support as well as a detailed series of recommendations for improving system performance, quality, comfort, and productivity. Ninety homes have been built in this project. 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.