

# Economic Investments in Minnesota



## 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 \$19.0 million in Minnesota in Fiscal Years 2001 and 2002**



The **Minnesota Energy Office in St. Paul**, through the State Energy Program (SEP), received \$800,000 in FY 2001 and \$916,000 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).

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



The **University of Minnesota in St. Paul** received \$300,000 in FY 2002 to complete the Windows and Glazings Handbook, and to support work to develop guidelines and information products on energy efficient windows for residential and commercial building applications.



The **Minnesota Energy Office in St. Paul** received \$98,184 in FY 2001 from the SEP Special Projects Office of Codes and Standards to improve the energy efficiency and indoor air quality in homes.



The **Minnesota Department of Commerce** received funding of \$60,634 in FY 2002 to conduct a two-year effort to establish its lead role in the Rebuild America program by hiring a Rebuild America program representative and beginning to create Rebuild America Partnerships. The program will be used as a gateway to begin communications with Minnesota communities to ascertain how DOE may help facilitate meeting the communities' energy conservation and energy resource needs.



As part of the Building America program, **Hans Hagen Homes of Minneapolis; Centex Homes of Minnetonka; Town and Country Homes of Maple Grove, Eagan, and Blaine; and Pulte Homes in Eagan, Rosemont, Chaska, Burnsville, Ostego, and Apple Valley** received technical assistance at a combined value of \$120,000 in FY 2002 through the Building Science 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. To date, 311 of a projected 612 homes have been completed by these builders.

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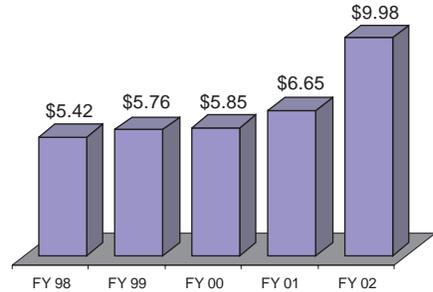
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America's buildings — our homes, workplaces, and institutional buildings — consume roughly \$230 billion worth of energy each year. The average family spends about \$1,300 on home energy. Energy for buildings has environmental as well as economic implications: 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 33 local service providers (e.g., community action agencies) is working to increase energy efficiency and reduce the burden of energy costs to low-income Minnesota 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 2,969 homes. In FY 2002, Minnesota was allocated \$9,979,183 in weatherization funding.

**Minnesota Weatherization**  
(millions of dollars)



The city of **Saint Paul/Minneapolis** and **Independent School District 728** received technical assistance from the Rebuild America program valued at a combined total of \$40,000 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.