

Economic Investments in Alaska



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 \$3.5 million in Alaska in Fiscal Years 2001 and 2002



The Alaska Housing Finance Corporation (AHFC) in Anchorage,

through the State Energy Program (SEP) formula grant, received \$292,000 in FY 2001 and \$353,000 in FY 2002. Through SEP, AHFC works on a variety of activities including the delivery of extensive energy efficiency education to consumers, builders, and realtors. In FY 2001, lighting retrofit work at **Sheldon Jackson College**

resulted in an estimated 140,000 kWh savings annually. AHFC initiated a community wide village retrofit project where electric baseload measures in entire communities were retrofitted. A combination of SEP, WAP and state funding was used to relamp entire villages. Up to 20% load reductions were recorded.

Alaska State Energy Program
(millions of dollars)



Chuathbaluk Traditional Council, Energy Efficiency in Education, Facilities Energy Efficiency Program, Re-Energize Sheldon Jackson College, and Rural Alaskans Conserve Energy (RACE)

received technical assistance from the Rebuild America program valued at a combined total of \$100,000 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 **Alaska Energy Authority** in Anchorage received \$50,000 in FY 2001 for a SEP Special Project in conjunction with Rebuild America involving energy audits and training at 75 facilities including public schools in 25 rural Alaskan communities. Audit results will be incorporated in a database that has been developed for project planning and development.



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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 AHFC 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 Alaska 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 700 homes. In FY 2002, Alaska was awarded \$1,700,925 in weatherization funding.

Alaska Weatherization
(millions of dollars)

