

Rebuild America

Program Brief

Rebuild America advances energy-based solutions for community needs by bringing together people, resources, ideas and practices. The program serves as a gateway to connect communities with energy-smart technologies and practices.

Working through state energy offices, Rebuild America accelerates energy-efficiency improvements through private-public partnerships. The program's community partnerships make energy-efficiency improvements, adopt best practices and add renewable energy technologies to commercial, government, college, multifamily and public housing, and K-12 school projects.

Rebuild America's work is results-driven, measured in terms of number of projects, dollars invested, dollars saved, energy saved and square feet of space improved. By using energy efficiency and renewable energy as a catalyst, the program helps improve communities nationwide. From improving buildings to creating jobs, communities that partner with Rebuild America are producing remarkable results.

Results

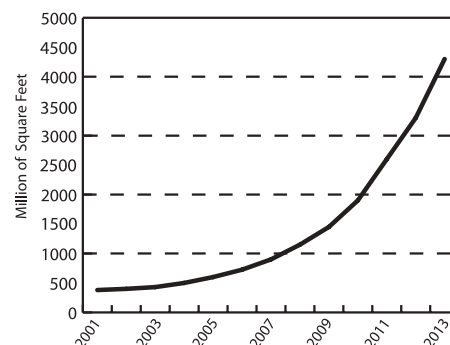
Over 560 participating communities in 53 states and territories have implemented improvements in buildings that save energy, reduce costs and improve occupant comfort. Community partnerships have completed renovations on 610 million square feet of building space. These projects – which range from installing energy-efficient and renewable energy technologies to adopting operations and maintenance best practices – resulted in cumulative savings of \$1.6 billion in energy costs. By committing to improve an additional 594 million square feet of space, Rebuild America partnerships will continue to benefit from energy-efficiency projects and the resulting savings for years to come.

By reducing energy consumption, communities are reducing the environmental impact associated with fossil fuel power generation. Rebuild America partnerships are saving 11.7 trillion Btu of energy annually, reducing harmful emissions by more than 244,484 tons of carbon dioxide emissions each year. The environmental benefit is the same as taking 198,900 passenger cars off the nation's roads. Additional improvements – either committed or underway – will save another 18.7 trillion Btu of energy annually, the equivalent of removing an additional 317,900 passenger cars from use.

Rebuild America partnerships are contributing to the economic revitalization of communities. Every federal dollar invested in program resources generates \$11.07 in private energy-efficiency improvements. The program has also created thousands of private-sector jobs and stimulates millions of dollars in additional economic activity at the local level.

For more information, contact Rebuild America at rebuildorders@rebuild.org or at 252-459-4664 or visit www.rebuild.gov.

Projected Space Improved
(Millions of Square Feet)



Each federal dollar invested in program resources leverages:

- \$20.27 in community energy savings annually
- \$11.07 in private energy-efficiency investments

Improving Communities

- Cumulative private investment in Rebuild America projects exceeds \$710 million. Additional commitments for new projects will bring that total to nearly \$1.7 billion.
- Completed renovations are saving communities nearly \$141 million in energy costs each year.
- Completed projects are saving 11.7 trillion Btu of energy annually – the equivalent energy content of 10,780 tanker trucks of oil, stretched end-to-end from the nation's capital to Philadelphia, PA.
- By reducing electricity consumption, communities are reducing carbon dioxide (CO₂) emissions by more than 244,484 tons each year – equal to removing nearly 198,900 passenger cars from America's roads.

All data reported as of fiscal year end 2003.



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**Energy Efficiency
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EnergySmart Schools

Helping Schools Make Smart Choices About Energy

EnergySmart Schools is part of Rebuild America, a U.S. Department of Energy (DOE) program that focuses on improving communities nationwide through energy efficiency.

EnergySmart Schools recognizes that there is a tremendous opportunity to save energy and dollars in our nation's K-12 schools. Schools that invest in energy-efficiency improvements reduce their energy costs by 25 to 30 percent on average – enough, for example, to hire 38,000 new teachers nationwide. The dollars that schools save on energy could be redirected to address other pressing needs.

America's schools are aging – the average age is 42 years – and the vast majority could greatly benefit from energy-saving improvements. But the budgets of our school districts are strained, and too often needed repairs are deferred creating compromised learning environments for children.

EnergySmart Schools assists K-12 schools by:

- Introducing energy-saving improvements to the physical environment
- Promoting and supporting energy education.

EnergySmart Schools resources include:

- Advice and technical support to schools about energy-efficiency measures and renewable energy technologies
- Guidance and materials to help schools foster energy awareness, including the Get Smart About Energy CD-Rom
- Access to Rebuild America business and trade organization partners who support efforts to improve energy awareness and performance
- "Energy Design Guidelines for High Performance Schools" and "Best Practices Manual for High Performance Schools" documents

to help K-12 school decision-makers make smart choices

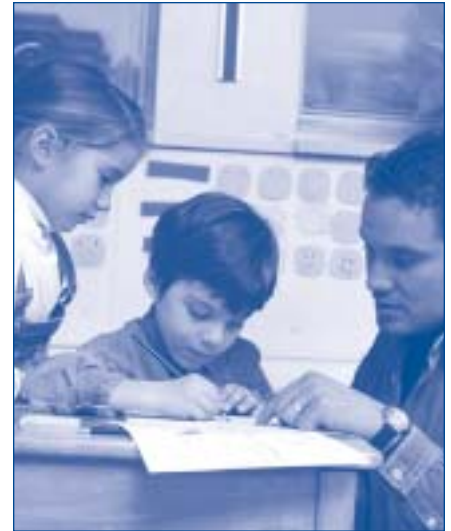
- Literature for superintendents, school boards, teachers and parents about high performance school design benefits and success stories from peer schools

Why be an EnergySmart School?

EnergySmart Schools implement energy-saving strategies that save money, help children learn about energy, and create improved teaching and learning environments. Here are a few reasons why schools are opting to be EnergySmart:

- To help students learn about energy using the physical environment schools as "labs"
- To explore renewable energy and alternative fuel transportation options
- To help the environment by adopting practices that reduce energy consumption and the impact of pollutants that power production generates
- To teach the future leaders of tomorrow about the role of energy in their lives and the importance of wise energy use

For more information on EnergySmart Schools, email schoolinfo@energysmartschools.net, or visit www.energysmartschools.gov



Rebuild America EnergySmart Schools is helping communities improve K-12 school buildings through energy-efficiency improvements and practices.

Results:

- 217.3 million square feet of space improved
- Annual cost savings of \$39.4 million
- 2.4 trillion Btu of energy saved annually
- Total energy investment of \$223 million

