

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

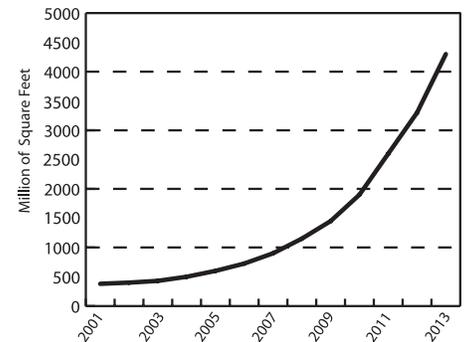
Over 560 participating communities in 53 states and territories have implemented improvements in buildings that save energy, reduce costs and improve occupant comfort. Community partnerships have completed renovations on 610 million square feet of building space. These projects – which range from installing 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.



U.S. Department of Energy
**Energy Efficiency
and Renewable Energy**

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Bringing you a prosperous future where energy is clean, abundant, reliable, and affordable

Colleges & Universities

Renewing Higher Education through Energy Improvements

While the nation's colleges and universities face unprecedented financial challenges, many use outdated, inefficient heating, cooling and lighting systems. Even those with modern buildings and equipment often fail to recognize that the key to optimizing building energy performance lies with sound Operations and Maintenance (O&M) practices. By implementing energy-efficiency improvements and practices, institutions of higher learning can reduce energy bills while creating healthier environments for students, faculty and staff.

The U.S. Department of Energy (DOE) estimates that at least 25 percent of the more than \$6 billion colleges and universities spend annually on energy could be saved through smarter energy management, reducing energy costs by more than \$1.5 billion each year. Rebuild America – a DOE program that focuses on improving communities through energy efficiency – is helping colleges and universities save energy dollars.

Colleges and universities partner with Rebuild America to:

- Audit energy performance of campus facilities
- Improve operations and maintenance practices
- Identify new energy-saving opportunities
- Select among energy project funding options

Energy-efficient technologies and practices can:

- Create lasting reductions in building operating costs
- Improve learning and living environments for students, faculty and staff
- Provide a “laboratory” for students studying engineering and environmental studies
- Help the environment by reducing energy consumption and the impact of power generation

What can Rebuild America do for colleges and universities?

Rebuild America provides colleges and universities with resources, technical assistance and expertise in critical areas of facilities management including:

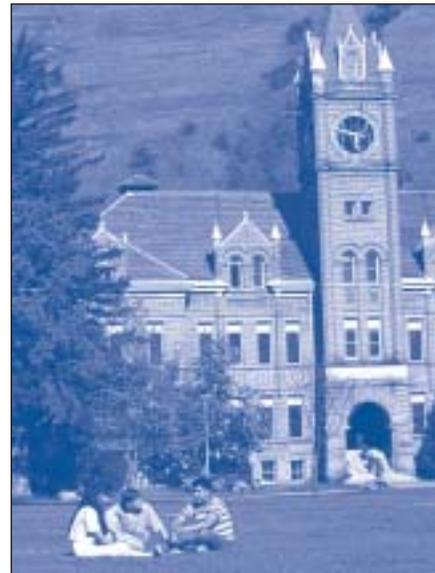
- Building energy audits
- Energy improvement project design
- Construction management
- Metering and monitoring
- Data analysis and reporting
- Project financing

Rebuild America's Strategic Partners

To promote smart energy use among colleges and universities, Rebuild America has formed strategic alliances with key organizations including:

- Association of Higher Education Facilities Officers
- National Association of College & University Business Officers
- National Association of State Energy Officials

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Colleges and universities partner with Rebuild America to improve campuses and reduce operating costs through energy-efficiency improvements and practices.

Results:

- 47.5 million square feet of space improved
- Annual cost savings of \$12.1 million
- 751,073 MMBtu of energy saved annually
- Total energy investment of \$41.6 million

