



Affordable Housing Through Efficiency



“Partnering with Advanced Energy gave us the opportunity to go beyond just providing affordable mortgages to providing families with homes that are guaranteed to be safe, healthy and affordable not just to purchase, but to operate as well.”

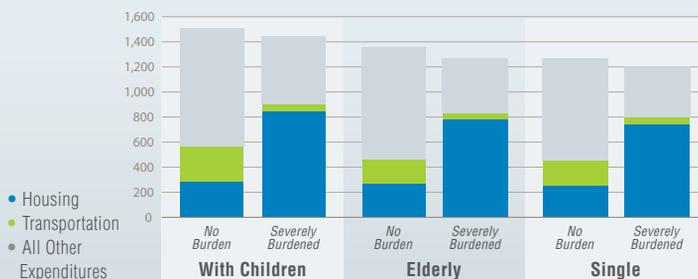
Bob Dunham, North Carolina Housing Finance Agency

A home that is at least 15% more energy efficient than a home built to the 2004 International Residential Code (IRC) can save homeowners an average of between \$200 and \$400 per year on energy costs.

U.S. Environmental Protection Agency

With the current state of our nation’s economy, providing decent, affordable housing options to American families is more important than ever. The challenge, however, is not just making houses affordable to purchase – it’s preserving that affordability to keep residents in their homes.

High Housing and Transportation Costs Limit // Other Spending for Low-Income Households
Average Monthly Expenditures (Dollars)



Notes: Severely burdened (unburdened) households dedicate more than 50% (less than 30%) of monthly outlays to housing. Low-income households are in the bottom quartile of all households ranked by total monthly expenditures. Data exclude renters reporting no rental payments. Source: JCHS tabulations of US Bureau of Labor Statistics, 2008 Consumer Expenditure Survey.

Energy costs consume 19% of total annual income for low - income residents.

U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT

EFFICIENT = AFFORDABLE

Want to provide homes that are guaranteed to be affordable and comfortable for residents? Advanced Energy can help. Advanced Energy has designed and successfully implemented a process proven to decrease the total energy use of affordable homes by 15 percent, keeping ownership affordable while improving home performance.

With our services, the process has already been determined, and has been tested and perfected throughout the past decade. Partners don’t have to spend time and money wading through all of the standards or figuring out what changes they need to make — they can jump straight to implementation!

Our years of experience have taught us which building standards yield the highest energy savings and comfort levels, and we have learned the best way to train contractors to implement those standards quickly and efficiently.

“In the beginning we were wary of what it would actually take to build to the new standards. I was surprised at how easy the experts at Advanced Energy made the whole process. They worked with us from start to finish.”

Chuck Dopler, Director of Land Development and Construction, Habitat for Humanity of Wake County

GUARANTEED RESULTS

In 2001, Advanced Energy, in partnership with the North Carolina Housing Finance Agency and the North Carolina Community Development Initiative, developed what has grown into a successful affordable housing program in North Carolina called **SystemVision**. Advanced Energy provides technical training and process assistance to the affordable housing developers participating in the program statewide.



SystemVision homes come with energy use and comfort guarantees, ensuring they are affordable to operate and comfortable to live in. Our homes are also ENERGY STAR® certified. If a home exceeds its guaranteed usage at the end of the year, Advanced Energy will pay the difference to the homeowner.

SystemVision Results to Date

More than
2,400 HOMES

Certified / Guaranteed in the state
[currently ~1 per day]

More than
\$1.7 MILLION

Saved in energy costs for
affordable housing residents

At least a **15%**
REDUCTION

in home energy use

Partnerships with
100 DEVELOPERS
including Habitat for Humanity affiliates,
community development corporations, local
governments, public housing authorities
and other nonprofits

CUSTOM SOLUTIONS

Having worked with more than 100 organizations to incorporate energy efficiency into their affordable housing communities, we can work with you to assess your current programs and provide recommendations, or develop new programs. Some of our services include:

- ▲ Market Assessment
- ▲ Program Design
- ▲ Program Implementation
- ▲ Program Review
- ▲ Quality Assurance
- ▲ Contractor Training
- ▲ Homeowner Education

In addition to being simple and guaranteed, our services are also cost effective for you and for residents, including only the most critical steps for ensuring high performance homes. You can purchase our full program or customized individual solutions designed to fit your needs and meet your goals.

THE RIGHT CHOICE FOR YOU

With so many green programs available, it's difficult to decide which program will best fit your needs. And while the current market trend might be based on green and eco-friendly alternatives, energy efficiency has been a way of life for Advanced Energy for more than 30 years. Our experience in the energy efficiency and affordable housing markets and proven results make us a trusted partner for accomplishing your affordable housing goals.

BUILD ENERGY EFFICIENCY INTO YOUR AFFORDABLE HOUSING PROGRAM TODAY!

For more information on how Advanced Energy can help you implement energy efficiency in an affordable housing program, contact Krista Egger at 919.857.9000 or KEgger@AdvancedEnergy.org.



909 Capability Drive, Suite 2100 Raleigh, NC 27606-3870

919.857.9000

www.AdvancedEnergy.org

© 2010 Advanced Energy. All rights reserved.
ENERGY STAR is a registered trademark of the U.S. Environmental Protection Agency