



At a Glance

Take control of your high energy bills

Existing Homes

What is an energy audit?

PA Home Energy and Home Performance with ENERGY STAR can help you cost-effectively improve your home's energy efficiency using state-of-the-art equipment and recommend comprehensive improvements that will yield the best results. The energy audit has three parts. One is the actual inspection of the home, where our service providers are on site, taking measurements, and using high tech equipment and thoroughly documenting the home. The second phase is to perform computer-modeling work. The home's dimensions, the type of equipment, the levels of insulation will cause the software to run a series of scenarios of the current state of the home and how it's performing compared to energy standards of the day. The software can also run a number of improvement analyses of the home where it actually looks at specific improvements and the effect that they would have on energy consumption. The final stage is the education with the homeowner, sitting down and discussing the report to explain concepts and answer questions. If you want to improve your home's energy efficiency or are thinking about remodeling, a diagnostic energy audit can help to prioritize your home's energy improvements.

What makes our audits different?

Thorough diagnostic audits use high tech equipment such as blower doors, which measure the extent of air leakage in the home, and often use infrared cameras, which reveal hard-to-detect areas of air infiltration and missing insulation. All audits are not created equal. Be sure to ask about equipment, diagnostic testing, measurements inside and outside of the home and what your final report will look like. To be sure that you are getting the most from your energy audit, locate a PA Home Energy Service Provider. To ensure that our Service Providers meet the highest national standards, certification is required from both the Building Performance Institute (BPI) and Residential Energy Service Network (RESNET).

Are financial incentives available?

Loan programs such as Keystone HELP from AFC First are available regardless of your electric service territory at www.keystonehelp.com.

New Homes

Why build an ENERGY STAR house?

ENERGY STAR Qualified Homes are independently verified to meet rigorous guidelines for energy efficiency set by the U.S. EPA. With ENERGY STAR, you get all the features you expect, plus a quieter, more comfortable home and lower utility bills. These homes are at least 15% more energy efficient than homes built to code and include additional energy-saving features that typically make them 20–30% more efficient than standard homes.

How do homes earn ENERGY STAR?

Homes that earn the ENERGY STAR are significantly more efficient than standard homes. ENERGY STAR homebuilders achieve this high efficiency for you by selecting from a variety of features: effective insulation, tight construction and ducts, high performance windows, efficient heating and cooling equipment and efficient products.

Energy@home Public Broadcast

If you own a home or are building or buying new, learn what you can do to reduce your energy use and save money. Get a free DVD of Energy@home. E-mail us at pahomeenergy@ems.psu.edu.

Contact Us

PA Home Energy is a program for both new and existing homes that is focused on assisting Pennsylvania consumers reducing their home energy use while improving their overall home performance. PA Home Energy Service Providers can perform an energy audit or help you build an ENERGY STAR home. PA Home Energy and ENERGY STAR can help you take control of your high energy bills. **Learn more online at www.pahomeenergy.org.**