



TIRED OF **HIGH** UTILITY **BILLS?**

Thinking about adding attic or crawlspace insulation, replacing or servicing your existing HVAC system, installing new windows, encapsulating your crawlspace or having air-sealing work performed? **STOP!** Don't carelessly spend money without first having an energy audit performed.

Each home has its own set of concerns. There are no cookie-cutter solutions. Homeowners can make specific changes in one type of home that might not work well in another (it could create major issues). To know what upgrades will work best in meeting your home's needs, an examination of the complete structure is required.

A **Synergy Energy Audit** outlines the efficiency of your home. Proper sealing and insulation may be all that is necessary in some houses to create energy savings. Or it may be that your HVAC system wasn't properly sized and installed. Either way, your home is tested and outlined in detail on how to significantly reduce energy costs and increase the comfort inside your home.

As a *TVA Quality Contractor Network Member*, we can assist with rebate and financing programs available through your local power company.



MAINTENANCE
SERVICES



HOME
TESTING



INSULATION
SERVICES



CLOSED
CRAWLSPACES



HVAC
DESIGN

COMMON EFFICIENCY ISSUES:

- High Utility Bills
- Comfort Issues
- Rooms Too Cold or Too Hot
- Clammy, Drafty, or Stuffy Rooms
- Heating, Ventilation, & Air Conditioning Problems
- Moisture or Mold Issues
- Dust Problems
- Unusual Smells & Odors

"Our utility bills were skyrocketing and averaging \$454 per month for a 30 year old 1825 square foot home. We wanted to know where our home was losing energy and the possible changes we could implement to improve our energy consumption and overall comfort. Our utility bills now average \$160 less per month over the last 9 months! We are very thankful to Synergy for the help they provided our family, our home and its value."

The Street Family, Huntsville, AL



ENERGY MYTHS EXPLAINED:

- All energy audits are the same.

FALSE While most utility companies offer FREE energy audits, they only offer visual inspections. The same can be said about building inspections. Finding a legitimate home performance contractor can be more difficult than it should be. Synergy is a BPI (Building Performance Institute) certified contractor committed to work according to BPI Standards.

- Energy audits are expensive.

FALSE The cost is **\$0.15/square foot** of conditioned space with a \$350 minimum charge per house. For example, a 3,000 sq ft home x \$0.15 = \$450, a small investment to TEST the efficiencies of your home.

- New windows and doors are the best way to achieve energy-efficiency.

FALSE While upgrading windows and doors are helpful, the top three upgrades to achieve energy-efficiency in your home are **air sealing**, **attic insulation** and **duct sealing**. Air sealing your home's building envelope (the shell) is a fundamental step in stopping air leakage. Proper attic insulation provides your home with a continuous thermal barrier. And your duct system is responsible for distributing conditioned air throughout your home. All three are huge contributors to energy loss.

ENERGY AUDIT PROCESS:

Synergy Home Performance conducts whole home testing or energy audits by our certified BPI (Building Performance Institute) auditors and typically take 3-5 hours. It includes:

- Blower Door Testing
- Square Footage Calculation
- Volumetric Calculation (Air Leakage Rate)
- Air Balancing
- Infrared Scanning
- Interior Pressure Testing
- Static Pressure Testing of HVAC System
- Flow-hood Measurements
- Attic Insulation Inspection
- Crawlspace Inspection
- Comprehensive 12-page Inspection Report
- Prioritized Listing of Recommended Energy-Efficiency Measures for Maximum Return on Investment



NOTE: Code Compliance, REScheck, DET Duct Envelope Testing & Inspection Letters also available.

**FREE
ESTIMATES**

BY LICENSED & TRAINED
HOME PERFORMANCE
SPECIALIST



**Building Performance Institute Certified,
NAHB Green Building Professional Certified, State of AL HVAC
Licensed #10069 and State of AL Homebuilders Licensed.**



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