

A Case Study:

What to Expect from
EA\$Y ENERGY USA

Enabling Happiness

“He is happiest, be he king or peasant,
who finds peace in his home.”

-Johann von Goethe

When you call Easy Energy USA, it's likely because you're unhappy with something. Are you paying too much to heat or cool your home? Is your house so frigid that you're teeth are chattering when you're trying to unwind after work? Easy Energy USA works to improve your standard of living, making your home comfortable again.

Why the Discomfort?

After arranging a home energy efficiency assessment, or audit, Easy Energy ships out to identify what is making your home so expensive to fuel and so uncomfortable. We identify your home's inefficiencies through a series of diagnostic tests such as the blower door or thermal imaging. We also keep an eye out for the common inefficiencies listed below.

- Condensation
- Humidity
- Mold
- Cracks in foundation
- Animal or insects
- No snow on the roof in winter
- Clogged dryer vents
- Icicles on gutters
- Lichen on roof
- Erosion around the foundation

What We Need for the Audit:

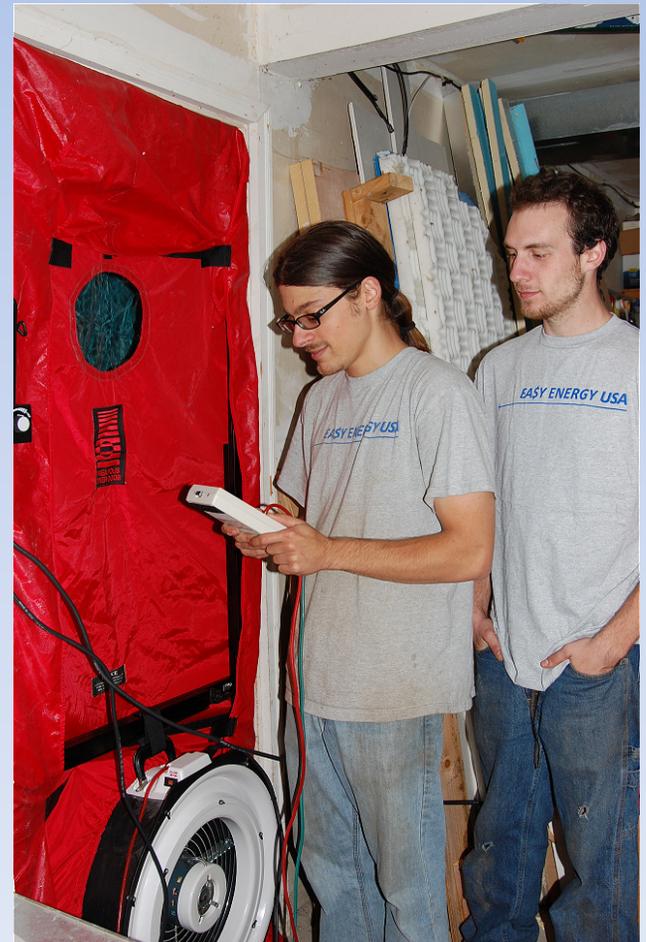
- 12 months of Utility Bills
- Pre-Audit Questionnaire

Both forms are available on our website under Customer Links.

The Data

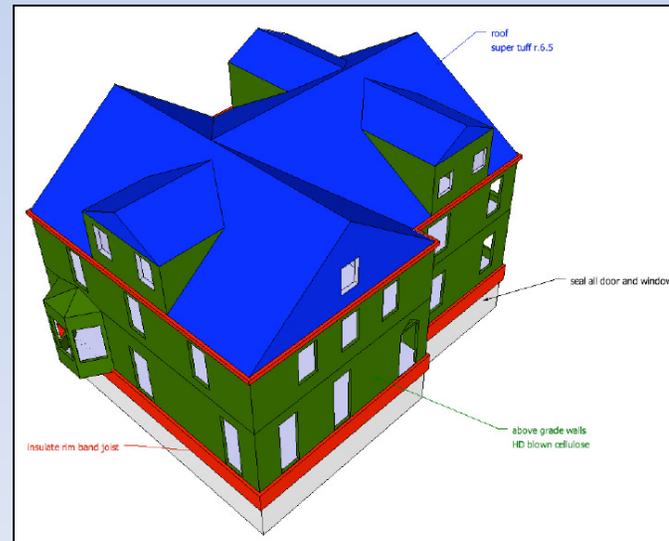
After calculating the cubic volume of the home, we run a blower door test to calculate the air-tightness of the building. It uncovers any holes in the home where air is intruding or escaping.

The blower door is only one of the many inspections and tests we will conduct to figure out the efficiency and safety of your home.



Analyzing the Data

Back at our office, we use the information garnered from these tests to draw up a Rating Report. This report tells you, the customer, how inefficient your home is, what work we propose to perform to improve your home's efficiency, and how efficient your home will be upon completion. Also included in this report are drawings of your home, defining its dimensions and thermal boundary. This extensive audit is much more accurate than a clipboard audit, providing greater potential for saving you money.



Common Suggestions

1. Insulation – Attic



Cellulose insulation may be a suggested improvement. At least 12 inches of cellulose may be hosed into the attic. For insulated walls, access holes may be drilled from either the outside or inner walls of the building. Walls are recapped and sealed afterwards.



1. Insulation – Outdoor Access Example



1. Insulation – Outdoor Walls

The house below has had the siding temporarily removed to add Thermax, for outdoor insulation on the building. The siding is reinstalled after the thermal envelope has been updated.



Common Suggestions

2. Air Sealing – Attics



An Uncommon Suggestion

When air sealing the attic we need to make choices individual to each home. Sometimes we can't access the attic from below in order to seal. When that happens we just take off the roof and insulate / air seal through the top.



A Creative Solution

Easy Energy takes pride in our ingenuity. Because every home is unique, we must take a different approach to every house we set foot in. Pictured here is our custom energy efficient attic hatch.



Follow-Up

Easy Energy USA can guarantee cash savings from your home improvements. We not only provide you with a safe, comfortable environment for you to live in, but will treat you with dignity and respect. Our integrity allows us to serve you the best we can.

After installing energy efficient upgrades into your home, Easy Energy will continue to monitor your utility bills to make sure that you're receiving to optimum output for your investment. Easy Energy believes in quality assurance and will check back within a year to supervise your home's new energy efficiency.

