



Home Performance with ENERGY STAR[®]



The Home Performance with ENERGY STAR® program offers a comprehensive approach to home improvement, remodeling, and renovation that will make your home more efficient and reduce energy costs, while improving indoor air quality and creating a more comfortable, healthier home. At the same time, you'll help to protect the environment through energy conservation.

Nationally recognized program

Sponsored by the Missouri Department of National Resources' Energy Center, and designed by the U.S. Department of Energy and U.S. Environmental Protection Agency, this nationally recognized program trains and certifies contractors in the advanced techniques and state-of-the-art equipment needed to evaluate your home from top to bottom.

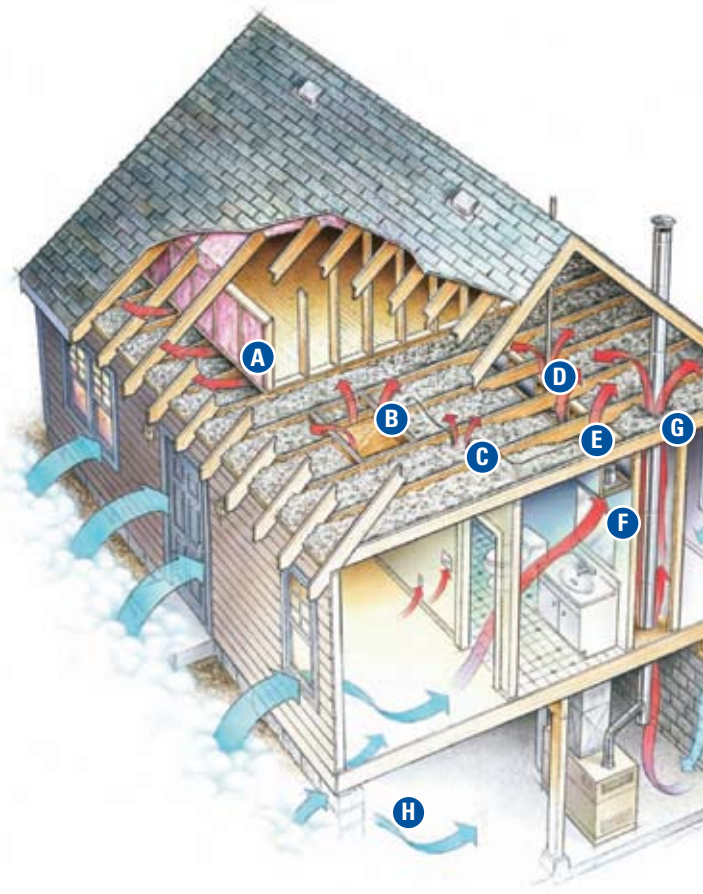
Diagnosing the problem

Each Home Performance with ENERGY STAR assessment includes diagnostic tests of your house. Rather than focusing on a single component, such as drafty windows, an old air conditioner or leaky ductwork, the contractor will assess how improvements to all components can work together to provide:

- Fewer drafts
- Consistent temperature distribution across rooms
- Better humidity control, proper ventilation
- Lower utility bills.

Advanced techniques used by your contractor will include:

- A blower door test to locate major paths of air leakage in homes, one of the largest causes of energy loss.
- A duct system test to determine how effectively your heating and cooling system delivers air to the house versus how much is lost to, or gained from, unconditioned spaces like crawl-spaces or attics.



Common Recommendations



- Sealing air leaks and adding insulation
- Sealing ductwork
- Improving heating and cooling systems
- Upgrading lighting and appliances

Third-party verification

In addition to your contractor's verification, the Metropolitan

Energy Center spot checks projects done by participating Home Performance with ENERGY STAR contractors to ensure their assessments and completed work follow program protocols.

Effects of Air Leaks

-  Cold outside air drawn into the house
-  Heated inside air drawn into the attic

Common Household Air Leaks

- A** Behind kneewalls
- B** Attic hatch
- C** Wiring holes
- D** Plumbing vent
- E** Open soffit (the box that hides recessed lights)
- F** Recessed light
- G** Furnace flue or duct chaseways (the hollow box or wall feature that hides ducts)
- H** Basement rim joists (where the foundation meets the wood framing)
- I** Windows and doors



Home Performance with ENERGY STAR[®] focuses on energy efficiency and savings

- Reduce your utility bills.
- Improve the health and safety of your home.
- Increase your personal comfort.
- Extend the longevity of your home and appliances.
- Lower your carbon footprint.
- Increase the value of your home.



HOME PERFORMANCE WITH
ENERGY STAR

You may qualify for up to a **\$600** rebate



KCP&L offers Home Performance with ENERGY STAR to its customers along with a rebate of up to \$600 when you implement at least one of the following energy-efficiency improvements recommended by

a Home Performance with ENERGY STAR certified contractor:

- ENERGY STAR windows and doors
- Insulation
- Sealing ductwork
- Sealing air leaks

KCP&L offers a suite of programs to help you achieve your energy-efficient home improvements.

- **Energy Analyzer.** Use this [free online tool](#) to understand your home energy use and learn how you can conserve energy and save money.
- **Energy Optimizer.** Reduce your heating and cooling costs with a [free, professionally installed programmable thermostat](#).
- **Cool Homes.** Qualify for rebate incentives [up to \\$850](#) when you upgrade to a high efficiency cooling system.
- **Change a Light.** Receive [instant \\$2 cash-back rebates](#) of purchases of compact fluorescent lights at participating stores (Missouri only).

Visit www.kcpl.com for more information.

It's as easy as 1-2-3 . . .

- Step 1** — Visit www.kcpl.com/homeperf to obtain a list of certified contractors or call **(816) 835-7593**.
- Step 2** — Schedule a Home Performance assessment with a certified contractor.
- Step 3** — Receive a customized energy-efficiency to-do list.
- Step 4** — Select the improvements you want to make.
- Step 5** — Implement the improvements.
- Step 6** — Verify the energy savings through your contractor.
- Step 7** — Receive the \$600 rebate from KCP&L after submitting the application form available at www.kcpl.com/homeperf or from your contractor.
- Step 8** — Share your Home Performance experience with family, neighbors, co-workers and others.

To find a certified contractor or
for more information

Call..... **(816) 835-7593**

Visit..... www.kcpl.com/homeperf

