

A no-cost home energy inspection leads to more comfort in Fayetteville, Arkansas

Project at a glance

\$717

incentives paid to the contractor

769

Total CCF savings

\$0

Out-of-pocket cost to the homeowner

The opportunity

When Andrew bought his home in Fayetteville, Arkansas, two home inspections unfortunately overlooked that the ducts were improperly sealed. As a result, it took a long time to heat up and cool down the 33-year-old, 3,100 sq. ft. home. Luckily, a no-cost home energy assessment through Black Hills Energy Arkansas' Home Energy Savings Program spotted the air- and duct-sealing problems the home inspectors missed. Black Hills Energy was even able to provide weatherization upgrades to the house at no out-of-pocket cost.



The project

To keep Andrew's house at desired temperatures, contractors completed air- and duct-sealing upgrades. They re-weatherstripped all the exterior doors, and foam sealed everything from bathroom exhaust fans and plumbing to the kitchen and vent pipes. They also weatherstripped two attic accesses. All the duct connection points of the house's two HVAC systems were sealed and five disconnected ducts were repaired. Now the air from the heating and cooling system can circulate throughout the house and, thanks to the improved weatherization, it stays inside.

The results

For Andrew, the results of this no-cost service were great on paper and in practice. The air sealing reduced air infiltration by 30 percent, while the duct sealing reduced duct losses by 44 percent in one of HVAC system and by 36 percent in the other one. Andrew is saving 769 therms per year and living in a more comfortable house.

To see how much Black Hills Energy could save you, call 855-350-1563, or visit ExcessIsOut-Arkansas.com today.

