

LEAP SUCCESS STORY



Blake-Scott Family
1983 2-Story House
4 br, 3 bath
Charlottesville, VA

Projected Energy Savings:

24%



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Halsey is the operations manager at the Habitat Store. His wife works as a massage therapist. They have two boys, two golden retrievers, and one problem: their kitchen was never comfortable because of wildly varied temperature differences in their house. This problem is called stratification. Stratification means the temperature in one area is drastically different than in another area. Halsey noticed temperature differences in many rooms, but the kitchen stood out the most. This problem is usually caused by air leaks, which makes it impossible to regulate a stable temperature in your home, because air is constantly escaping and entering from insidious spots in the most unseen of places. So at the advice of a friend, Halsey decided to get an energy assessment done, which began this family on the path to a more comfortable home.

Basic Issues Uncovered in the Home Performance Assessment:

- The home was twice as leaky as it needed to be.
- Insufficient insulation and air leakage discovered over all four attics.
- The electric hot water heater was 20-years old and the pipes were not insulated.
- The duct work was leaky and uninsulated in many areas.

Summarization of Work Completed

- Sealing the home reduced the air leakage by close to 1000 cfm.
- All four attics were sealed and insulated, and brought up to LEAP guidelines.
- Replaced the domestic hot water heater with a .92 energy factor, 66 gallon tank, and insulated the hot water lines.
- A return was added to basement, ductwork sealed and insulated, and added programmable thermostat

"My experience with LEAP was a great one from start to finish. Although I already had a company for an energy audit, they and LEAP helped me coordinate with an approved contractor and the improvements were made in no time. They also helped me with the paper work so I qualified for the maximum amount in rebates. A good program, one that I would highly recommend."

- Halsey Blake-Scott

Contractors Performing Work:

Abrahamse
& Company
BUILDERS

Audit Performed by:

