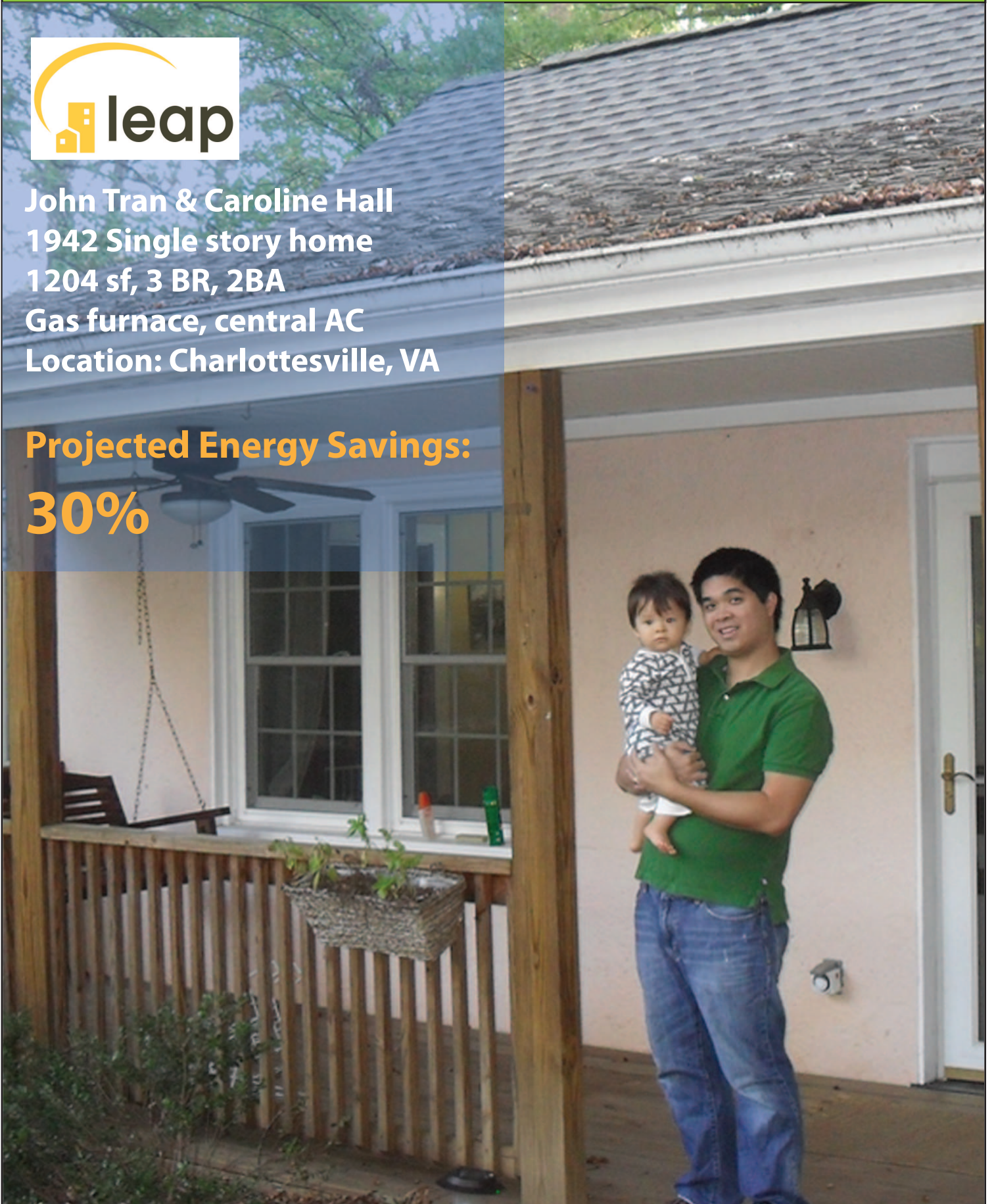


LEAP SUCCESS STORY



John Tran & Caroline Hall
1942 Single story home
1204 sf, 3 BR, 2BA
Gas furnace, central AC
Location: Charlottesville, VA

Projected Energy Savings:
30%



LEAP SUCCESS STORY

Like many young families, John and Caroline were concerned with saving money. They initially received a free energy review in fall 2009, courtesy of LEAP and Charlottesville Gas, and were interested in learning what more they could do to save energy and improve the comfort of their home. Having already replaced many of their windows with Energy Star windows and installed LED lightbulbs in key places, they knew they needed a professional energy assessment to determine where the major energy leaks were occurring.

Basic Issues Uncovered in the Home Performance Assessment:

- Air leakage was high (4500 CFM50)
- Attic Insulation compressed and levels too low (R 10)
- Duct work also showed some nominal leakage
- Crawlspace was leaky, un-insulated and had ground moisture issues

Energy Improvement Measures Implemented:

- Air leakage reduced to 2830 CFM50
- Attic was air sealed and insulated to R38+
- Crawlspace moisture barrier was installed, walls were air sealed and insulated
- Exposed ductwork was resealed and secured

Expected Benefits:

- Reduction in space heating and cooling bills by 30%
- More comfort to family
- Less moisture in the house and potential issues with mildew/mold



"We jumped at the opportunity to join the LEAP program based on a gut feeling that our house was not very efficient. We are very glad we did. Not only did we address all of their concerns about air sealing and insulation, but we learned a ton of building science which helps us develop better habits in our day to day lives."

"Our monthly energy bills have dropped dramatically, and we expect our involvement in LEAP will help when we are ready to sell our house, especially as the world is moving more and more green. Mostly it feels great to know we are not wasting energy."