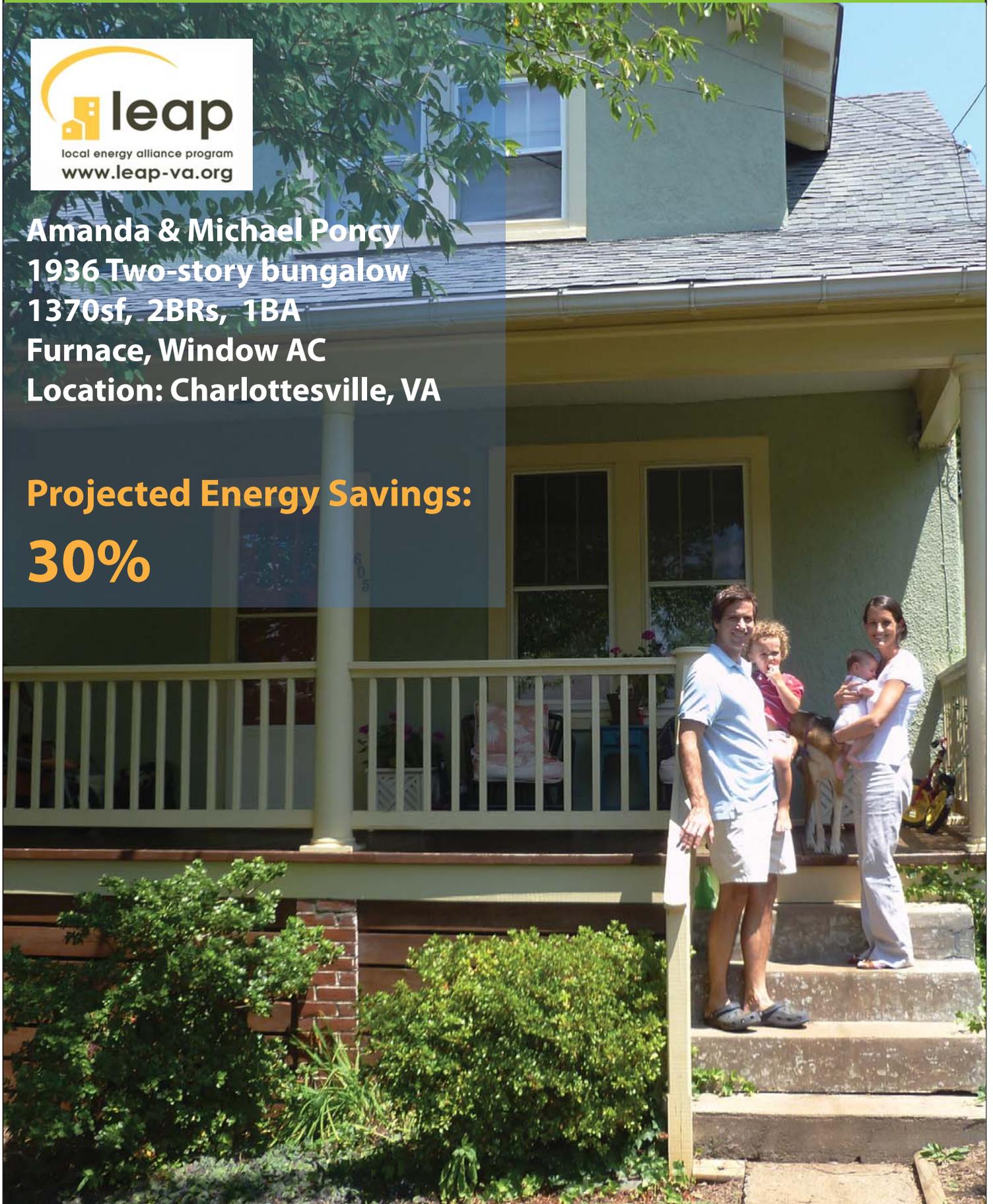


LEAP SUCCESS STORY



Amanda & Michael Poncy
1936 Two-story bungalow
1370sf, 2BRs, 1BA
Furnace, Window AC
Location: Charlottesville, VA

Projected Energy Savings:
30%



LEAP SUCCESS STORY

A young and growing family, the Poncys adored their historic home in the Belmont neighborhood but suffered through the hot summers and cold winters. Their son's room experienced temperature extremes, and the kitchen was constantly drafty. Seasoned DIYers, they wanted the support of professionals to ensure they got the biggest bang for their buck that would maintain the character of their 1936 home.

Basic Issues Uncovered in the Home Performance Assessment:

- House was more than twice as leaky as it should be
- Gravity gas furnace in floor & no dedicated air conditioning
- Poor insulation in back overhang & no insulation in first story ceiling
- No wall insulation & minimal attic insulation
- Two old water heater tanks, a 20-year old gas & one 30 year old electric

Energy Improvement Measures Implemented:

- All of building shell was sealed and insulated
- Back overhang stripped, foamed with 6" open cell foam insulation and 14" of cellulose insulation added to first story attic
- All exterior walls were dense packed with cellulose insulation, top attic sealed and 12" of open blow cellulose added, attic hatch weather-stripped and insulated.
- Two old direct water heaters replaced with one brand new gas unit

Expected Benefits:

- 60% reduction in air leakage, preservation of home's character, quieter house courtesy of insulation, more comfortable space in all seasons for the family



"As first time homebuyers, we were unsure which improvements were most vital and cost effective to pursue. But, with the knowledge and dedication of its friendly staff LEAP enabled us to make wise decisions, and our 1936 bungalow has maintained its original charm while undergoing a radical improvement in its energy performance and overall comfort. Their financial and technical assistance has transformed our everyday living."

– Amanda Poncy

Building Analyst: LEAP

Contractor: Creative Conservation, Robertson Electric