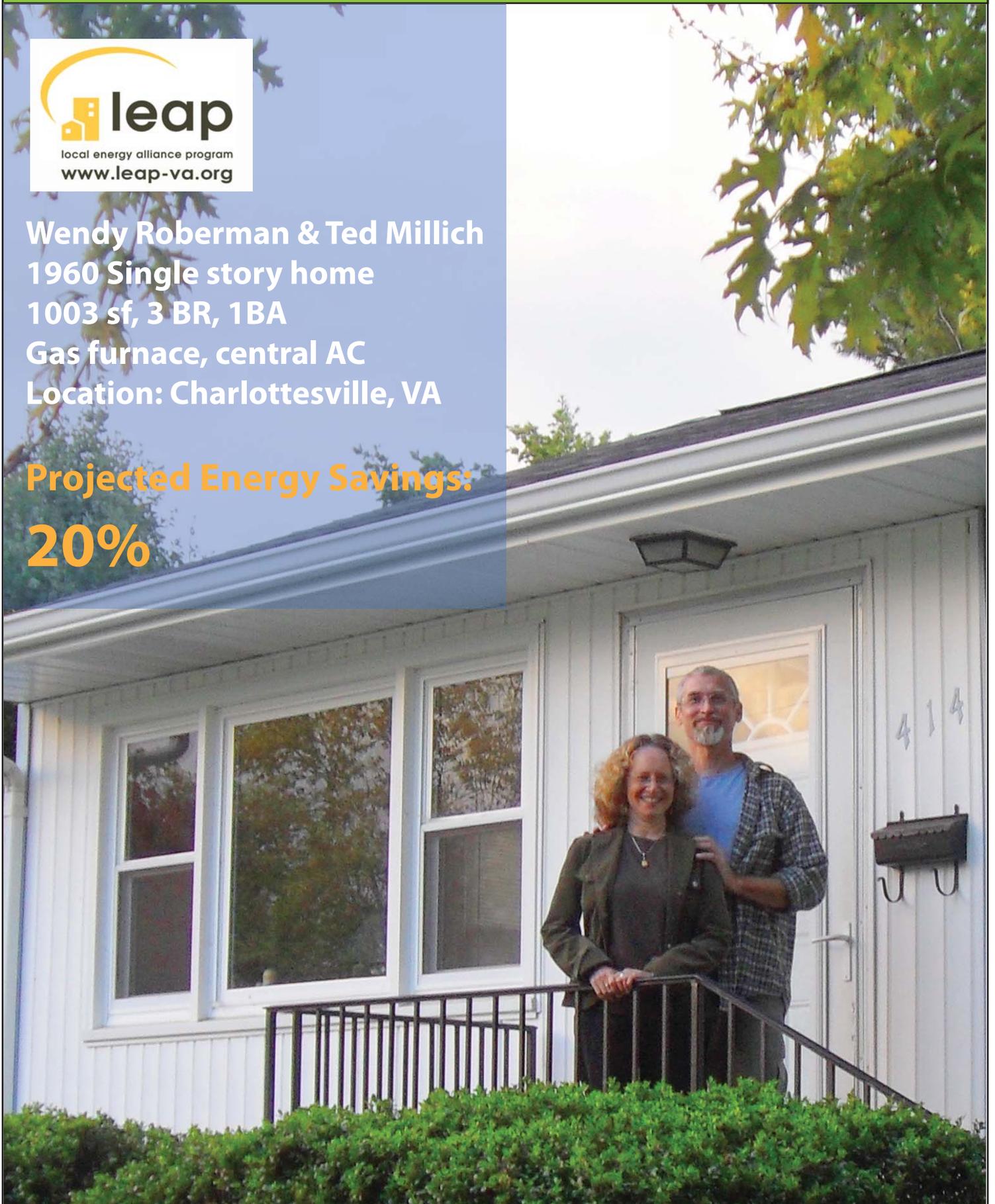


## LEAP SUCCESS STORY



Wendy Roberman & Ted Millich  
1960 Single story home  
1003 sf, 3 BR, 1 BA  
Gas furnace, central AC  
Location: Charlottesville, VA

**Projected Energy Savings:**  
**20%**



## LEAP SUCCESS STORY

Wendy found out about LEAP through her job with Albemarle County and she volunteered to be in one of our early Focus Groups. She and her partner are very committed to the environmental protection. She has created a business called Foodscapes to help families grow their own healthy food. They wanted to know:

- How effective are the energy efficiency upgrades they had already done?
- What else can be done to improve the energy efficiency of the house?

### ***Basic Issues Uncovered in the Home Performance Assessment:***

- This house was highly unusual - it was not leaky! In fact it was too tight according to building airflow standards, potentially creating some health and safety issues
- The gas furnace and water heater gave cause for concern due to back-drafting

### ***Energy Improvement Measures Implemented:***

- Furnace back-drafting problem fixed with the closed combustion replacement, (Energy Star, 97% efficient unit and with an efficient variable speed air handler)
- Central AC 10 SEER unit was replaced with a new 13 SEER unit
- 80 FCM fan installed in bathroom to introduce new air into house

### ***Expected Benefits:***

- Reduction in space heating and cooling bills by 20%
- New fresh air coming into house
- Safer gas furnace



*“After doing some basic energy saving projects in our 1960’s ranch home (insulating the attic and basement, and replacing the original windows), we were anxious to have a complete professional energy audit done on the house. The LEAP program helped make the audit affordable for us and the results were well worth the cost.*”

*Very important to us, they also found two safety issues related to our old gas furnace that we would not have known about! The whole process went smoothly and we recommend the Home Performance with ENERGY STAR program to anyone interested in improving the comfort, safety and energy efficiency of their home.”*