

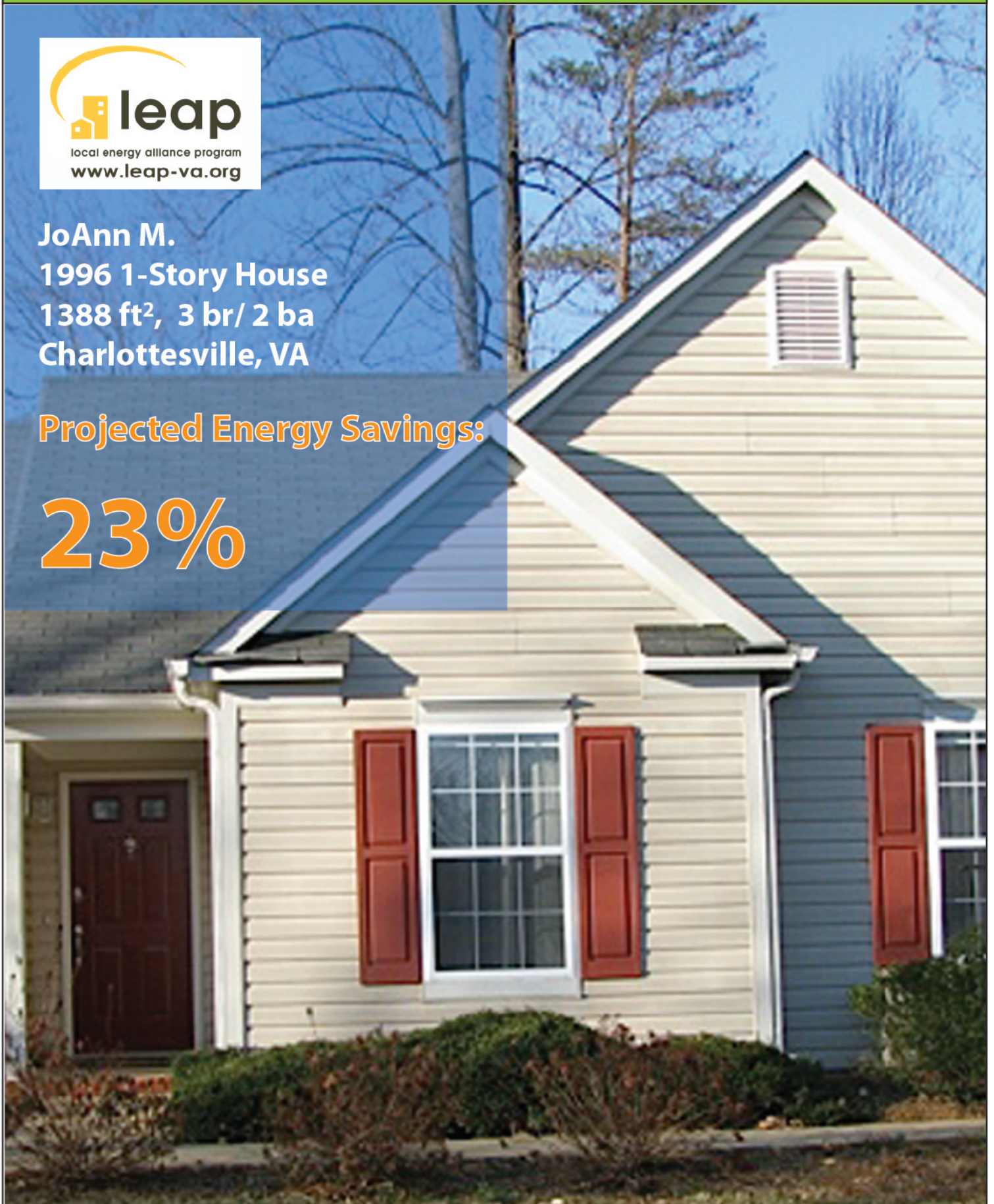
## LEAP SUCCESS STORY



JoAnn M.  
1996 1-Story House  
1388 ft<sup>2</sup>, 3 br/ 2 ba  
Charlottesville, VA

Projected Energy Savings:

**23%**



## LEAP SUCCESS STORY

JoAnne was a registered nurse in Milwaukee, Wisconsin before retiring from Pain Management last year. With her four children scattered across different parts of the country, JoAnn decided to move to Charlottesville and buy a house near her son and his family. JoAnn already completed an energy assessment for her last home in Wisconsin and knew the benefits of improving a home's energy efficiency. Thus, when she bought her new house in Charlottesville, she immediately noticed areas where the builder could have been more energy efficient. After following through with the Home Energy Assessment and receiving her tailored list of recommendations, JoAnn decided to retrofit her new home in Charlottesville as well.

### Summary of Basic Issues Uncovered in the Assessment:

- The fiberglass insulation on the walls was largely ineffective and the attic floor insulation was quite low. Weatherseal recommended adding an air barrier to the back side of the vaulted ceiling wall and an additional 10-12" of cellulose throughout the attic. Doing so would allow the R-19 insulation on the walls to function correctly and bring your insulation up to recommended levels.
- Air leakage was 20% below the targeted level for a house of similar volume.
- Neither of the 2 bath fans vented fully to the outside. Additionally, both are vented through flexible vinyl pipe, which can dramatically increase the air resistance in the duct.

### Summary of Improvements Completed

- Foam insulated the attic ceiling, the attic stair cover, and recessed lighting
- Installed foil reflective shield into attic separation wall.
- Installed new bath fans to improve ventilation, which were hard-piped directly to the outside through a dampered enclosure.

"I was pleased with every step of the process. One thing that stood out was the building expert who visited my home was surprisingly honest and objective. They clearly explained which recommendations would save me the most money and which were less important. So I felt confident making decisions on which upgrades to choose. In the end, I moved forward with almost all of the recommended actions. In fact, when LEAP returned to check the quality of the work, they pointed out several things I had forgotten about! Overall, the whole LEAP program was handled very, very nicely!"

-Joanne Murray  
LEAP homeowner



**Contractor on Home:**  
**WeatherSeal**

Phone: 434-974-1818  
Email: [james@weathersealcompany.com](mailto:james@weathersealcompany.com)  
Website: [www.weathersealcompany.com](http://www.weathersealcompany.com)