



Ann and Rick Dorman
3 Story Town Home
1,894 sf
2 BR 3.5 BA
Gas furnace
Location: Alexandria, VA

Projected Energy
Savings:
20%



LEAP SUCCESS STORY

The Dormans entered the Northern Virginia Home Energy Makeover Contest in 2012 aware that their home could be more efficient but with no idea where to start. Winning the third place prize in the contest gave them some answers. They discovered that the incandescent bulbs in their ceiling lights reached 175 degrees and then had them replaced with energy efficient LEDs. There was a carbon monoxide leak on the stove that was fixed. And contrary to their assumption that the windows were a primary culprit of air leaks, spot air sealing in the attic and around the house was the solution. And the Dormans continue to make energy upgrades in their home when opportunities arise, such as replacing old bulbs inside and out with LEDs.

Basic Issues Uncovered in the Home Performance Assessment:

- Attic lacking air sealing
- Walk in attic was not air sealed correctly
- Air leaks around the home including under the vanities and in the closets
- More than 20 160 watt incandescent can lights throughout the home

Energy Improvement Measures Implemented:

- Air sealed attic
- Air sealed the walk in attic
- Spot air sealing around the home
- Replaced can lights with 9 watt LEDs donated by Cree lighting

Contractors:



"The audit gave us great feedback. We didn't know what to expect and were surprised with some of the results. For instance, we expected to be told our windows were leaky when in fact they were not. We had no idea how much heat the ceiling lights generated, so we were thrilled that they were replaced."

– Ann Dorman