



Energy Savings Case Study

Name:
Michael and Hilary Becker

Resides:
Columbia, Maryland

Date:
April 12, 2013

"Mark did an excellent job. Very professional."

- Michael Becker

Summary:

On April 12, 2013, greenNEWit serviced the home of Michael and Hilary Becker with a Quick Home Energy Check-up. As part of the Empower Maryland Energy Efficiency Act of 2008, the Beckers were able to get energy-efficient products installed in their home at no additional cost to their regular utility bill. They received nearly \$200 worth of products and with greenNEWit, his installation was free. Through the service, they received 12 CFLs, four faucet aerators, 12 counts of pipe insulation and two showerheads. As a result, they'll save 2,250 pounds of CO2 a year, the equivalent to 5.5 trees being planted.

Type of Service:

The following actions were taken by greenNEWit energy retrofit technicians in each in-unit QHEC:

- ✓ Visually inspected HVAC systems, water heaters, appliances, windows, lighting choices, and possible health and safety issues.
- ✓ Recorded existing conditions and suggested recommendations for improvements.
- ✓ Educated residents on how to further reduce the amount of energy they use on a daily basis.
- ✓ Created instant energy savings by directly installing measures wherever standard conditions existed (i.e. replaced incandescent light bulbs with CFLs, replaced both showerheads and faucet aerators with efficient-flow alternatives.)



Electricity

Estimated Electricity Savings
1,500 kWh



Water

Estimated Water Savings
32,120 gal



CO2

Estimated CO2 Savings
2,250 pounds



Savings

Total Savings in \$
\$366.41