



## Energy Savings Case Study

**Name:**  
Thadius Sale

**Resides:**  
Baltimore, Maryland

**Date:**  
March 5, 2013

*“The greenNEWit representative was passionate about energy efficiency and making a collective impact to reduce consumption not only in my home, but in the community. My desire is to create a greener planet with a lesser footprint from myself, my family and their families for generations to come.”*

- Thadius Sale

### Summary:

On March 5, 2013, greenNEWit serviced the home of Thadius Sale with a Quick Home Energy Check-up. As part of the Empower Maryland Energy Efficiency Act of 2008, Sale was able to get energy-efficient products installed in his home at no additional cost to his regular utility bill. He received nearly \$200 worth of products and with greenNEWit, his installation was free. Through the service, he received 15 CFLs and two showerheads. As a result, he'll save 1,079 pounds of CO2 a year, the equivalent to 2.5 tree 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  
**654 kWh**



#### Water

Estimated Water Savings  
**14,600 gal**



#### CO2

Estimated CO2 Savings  
**1,079 pounds**



#### Savings

Total Savings in \$  
**\$188.06**