



## Energy Savings Case Study

**Name:**  
Bo Ling

**Resides:**  
Columbia, Maryland

**Date:**  
May 24, 2013

*"The technician was very professional and friendly. I appreciate the explanation and the improvement the technician did toward my light and faucet."*

- Bo Ling

### Summary:

On May 24, 2013, greenNEWit serviced the home of Bo Ling with a Quick Home Energy Check-up. As part of the Empower Maryland Energy Efficiency Act of 2008, Ling 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 12 CFLs, four faucet aerators and two showerheads. As a result, he'll save 704 pounds of CO2 a year, the equivalent to 1.5 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  
**395 kWh**



#### Water

Estimated Water Savings  
**28,470 gal**



#### CO2

Estimated CO2 Savings  
**704 pounds**



#### Savings

Total Savings in \$  
**\$225.37**