



## Energy Savings Case Study

### Property:

Lake Arbor Towers  
11411 Lake Arbor Way  
Mitchellville, MD 20721

### Date of Multi-Family Pepco Quick Home Energy Check-up Service:

October 15 to October 19, 2012

*"Thank you to greenNEWit for your efforts to coordinate Truman Park. Lake Arbor was highly satisfied with the service from your team as you just completed their site."*

- Derek Olszanowski Regional Property Manager at The Dolben Company, Inc.

### Summary:

Lake Arbor Towers are luxury style apartments with penthouse, one and two bedroom apartments for rent. From October 15 to 19, 2012, greenNEWit serviced the premises of Lake Arbor Towers with a Quick Home Energy Check-up (QHEC) and installed a total of 2,604 CFL light bulbs and 268 faucet aerators in 184 units on the premises. These energy upgrades will prevent nearly 74 tons of CO<sub>2</sub> from being released into the atmosphere; the CO<sub>2</sub> saved is equivalent of nearly 367 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  
**97,719 kWh**



### Water

Estimated Water Savings  
**1,173,8400 gal**



### Gas

Estimated Gas Savings  
**536 therms**



### Savings

Total Savings in \$  
**\$20,772.53**  
Average Savings Per Unit in \$  
**\$112.90**