



Energy Savings Case Study

Property:

Ashton Green
5320 Cedar Ln.
Columbia, MD 21044

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

March 11 to March 14, 2013

Summary:

Ashton Green are apartment homes in Columbia, Maryland with a variety of family-friendly amenities. From March 11 to March 14, 2013, greenNEWit serviced the premises of Ashton Green with a Quick Home Energy Check-up (QHEC) and installed a total of 1,589 CFL light bulbs, 395 faucet aerators and 217 showerheads in 156 units on the premises. These energy upgrades will prevent nearly 118 tons of CO2 from being released into the atmosphere; the CO2 saved is equivalent of nearly 590 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:
157,425 kWh



Water

Estimated Water Savings:
3,067,825 gal



Savings

Total Savings in \$:
\$36,933.12
Average Savings Per Unit in \$:
\$236.75