



## Energy Savings Case Study

### Property:

Greystar's The Warwick Apartments  
1131 University Blvd. W  
Silver Spring, MD

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

November 5th through November 14th, 2012

*"By participating in Maryland's Multi-Family Quick Home Energy Checkup Program, Greystar can measure energy performance and make more informed decisions to reduce owner costs and resident complaints; leading to higher resident satisfaction and an increase in the number of referrals."*

- DeeAnne McClenahan, Senior Director Procurement & Sustainability, Greystar

### Summary:

The Warwick Apartments are a residential building owned by Greystar. On November 14, 2012, greenNEWit serviced the premises of The Warwick Apartments with a Quick Home Energy Checkup (QHEC) and installed a total of 1,930 CFL light bulbs, 16 faucet aerators and 46 showerheads in 330 units on the premises. These energy upgrades will prevent nearly 71 tons of CO2 from being released into the atmosphere; the CO2 saved is equivalent of nearly 355 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  
**94,506 kWh**



### Water

Estimated Water Savings  
**378,505 gal**



### Gas

Estimated Gas Savings  
**692 therms**



### Savings

Total Savings in \$  
**\$16,514.19**  
Average Savings Per Unit in \$  
**\$50.04**