



**Energy Savings Case Study**

**Property:**

Fort Meade Military Housing  
3080 Ernie Pyle St.  
Fort Meade, MD 20755

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

March - July of 2013

**Summary:**

From March through July of 2013, greenNEWit serviced Fort Meade Military Housing at the premises of Midway Commons, Heritage Park - Normandy Bluffs, Potomac Place, Meuse Forest, and Patriot Ridge with Quick Home Energy Check-ups (QHEC) and installed a total of 7,181 CFL light bulbs, 6,089 faucet aerators and 3,072 showerheads in 2,499 units across these five properties. These energy upgrades will prevent nearly 441 tons of CO2 from being released into the atmosphere; the CO2 saved is equivalent of nearly 2,204 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  
**472,579 kWh**



**Water**

Estimated Water Savings  
**45,777,570 gal**



**Gas**

Estimated Gas Savings  
**52,659 therms**



**Savings**

Total Savings in \$  
**\$338,208,36**