



Energy Savings Case Study

Property:

Park Station Olde Towne
 101 Park Ave.
 Gaithersburg, MD 2087721

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

December 4 to December 13, 2012

Summary:

Park Station at Olde Towne apartments in Gaithersburg, Maryland have one, two and three bedroom apartments for rent. From December 4 to 13, 2012, greenNEWit serviced the premises of Park Station at Olde Towne with a Quick Home Energy Check-up (QHEC) and installed a total of 4,300 CFL light bulbs, 613 faucet aerators, 386 showerheads and 254 counts of pipe insulation in 273 units on the premises. These energy upgrades will prevent nearly 122 tons of CO2 from being released into the atmosphere; the CO2 saved is equivalent of nearly 607 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
161,920 kWh



Water

Estimated Water Savings
5,035,540 gal



Gas

Estimated Gas Savings
8,277 therms



Savings

Total Savings in \$
\$58,739.08
 Average Savings Per Unit in \$
\$215.16