



Energy Savings Case Study

Property:

Fieldstone Farm
800 Hydric Ct.
Odenton, MD 21113

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

March 18 to March 21, 2013

Summary:

Fieldstone Farm apartments, owned by The Dolben Company, Inc. has one, two and three bedroom apartments for rent. From March 18 to 21, 2013, greenNEWit serviced the premises of Fieldstone Farm with a Quick Home Energy Check-up (QHEC) and installed a total of 1,541 CFL light bulbs, 359 faucet aerators and 176 showerheads in 138 units on the premises. These energy upgrades will prevent nearly 45 tons of CO₂ from being released into the atmosphere; the CO₂ saved is equivalent of nearly 226 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
53,177 kWh



Water

Estimated Water Savings
2,630,092 gal



Savings

Total Savings in \$
\$23,180.78
Average Savings Per Unit in \$
\$167.98