



Energy Savings Case Study

School Name:
Forest Ridge Elementary

Date of Energy Efficiency Presentation:
April 23, 2013

Summary:

On April 23, 2013, greenNEWit presented the OUR Schools Program to Forest Ridge Elementary School. Students learned about the environment and sustainability in their homes through an energizing assembly and STEM-related activities in the classroom. In addition, greenNEWit inspected and installed 252 CFL light bulbs, 32 faucet aerators and 22 showerheads in 24 single homes of Forest Ridge Elementary School families. This will prevent 25,230 pounds of CO₂ from being released into the atmosphere. The CO₂ saved collectively by the school is the equivalent of nearly 61 trees being planted.

Forest Ridge Elementary School Students:

- ✓ Raised \$480 for energy upgrades at Forest Ridge Elementary.
- ✓ Learned how a real company uses the principles of STEM to achieve their environmental and efficiency goals.
- ✓ Energized their Green School re-certification process.



Electricity

Estimated Electricity Savings Per Family
16,304 kWh



Water

Estimated Water Savings Per Family
286,160 gal



Gas

Estimated Gas Savings Per Family
227 therms



Savings

Total Savings in \$ Per Family
\$154.70