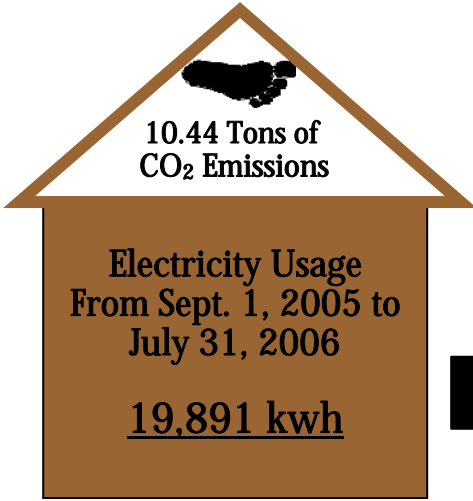


You Can “Green It,” We Can Help

The following example was taken from a real family:



- ◆ House data: 1,700 sq. ft. 3BR/2Bath concrete block
- ◆ Pre-test improvements: double pane Low E windows and sliding glass door were installed
- ◆ 6 inches of additional attic insulation was installed
- ◆ Occupant data: 2 adults, 1 child (2yrs)

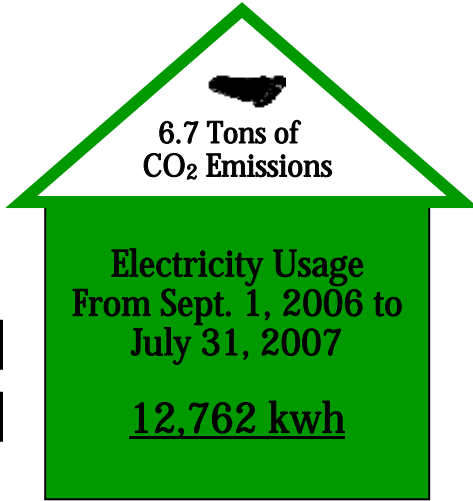
Purchases

◆ Replaced all incandescent light bulbs with fluorescent or LED bulbs	\$ 100
◆ Purchased a single induction cook top	100
◆ Replaced instant hot water system with electric kettle	20
◆ Δ cost to replace old, standard washer with front loading, gold star model	300
◆ Δ cost to replace old, large refrigerator with small, gold star model	200
◆ Purchased hot water heater timer	40
◆ Purchased low flow shower head	25
◆ Purchased power strips (3)	30
◆ Replaced misc. consumer electronics	250
Total approximate cost	\$1,065



Lifestyle Changes

- ◆ Use microwave, toaster oven, and induction cook top for all cooking
- ◆ Stopped using dishwasher
- ◆ Pool pump usage reduced from 10 to 7 hours per day by careful monitoring
- ◆ All electrical items using “phantom power” except computer and TV put on power strips and either unplugged or powered down when not in use
- ◆ With timer, hot water heater is on only 30 minutes per day in summer (110 degrees in garage) and 120 minutes per day in winter
- ◆ Unplugged or replaced older consumer electronics
- ◆ Lights and other electrical items turned off when not in use



SUMMARY:
 For less than \$1,100 and minor modifications to their lifestyle, this family reduced their electric power usage by 7,129 KWH (36% over 11 months) which reduced their “Carbon Footprint” by 3.74 Tons of CO₂ emissions.

Electric bill reduced by \$414 over 11-month test period