



Saving a Ton of CO₂

Saving a ton of CO₂ from the atmosphere each year will also mean saving \$100 or more on your utility bill! Decide which of the following energy-saving actions you can take. (To convert pounds to kilograms, multiply by .454.)

Energy-Saving Action	Possible Annual CO ₂ Savings	Pounds of CO ₂ You'll Save Each Year
Electricity Simplicity		
Replace a 100-watt incandescent bulb with a 27-watt compact fluorescent bulb.	142 pounds per bulb	
Replace a 75-watt incandescent bulb with an 18-watt compact fluorescent bulb.	107 pounds per bulb	
Turn lights out when we leave the room.	107 pounds per room	
Getting into Hot Water		
Give your water heater a warm-up jacket of insulation to make it more efficient.	Electric: 534 pounds Oil: 320 pounds Gas: 231 pounds	
Cool the hot-water heater down by 10 degrees (but not below 120° Fahrenheit).	Electric: 587 pounds Oil: 356 pounds Gas: 258 pounds	
Make your hot water go further with low-flow showerheads.	Electric: 819 pounds Oil: 498 pounds Gas: 356 pounds	
Chill out your washing machine by doing four out of five laundry loads in cold water.	Electric: 409 pounds Oil: 249 pounds Gas: 178 pounds	
Turning Over a New Leaf		
Plant a tree on the south or west side of your home to provide cooling shade.	133 pounds per tree	
Home Is Where the Heat Is		
Turn down our thermostat one degree this winter.	Electric: 365 pounds Oil: 222 pounds Gas: 160 pounds	
Turn down the heating system 10 degrees when you're in bed at night.	Electric: 1,842 pounds Oil: 1,121 pounds Gas: 801 pounds	
Turn up the air conditioner thermostat a single degree this summer.	196 pounds	
Plug leaks around windows and doors with weather stripping—and close the curtains and shades at night.	Electric: 1,424 pounds Oil: 890 pounds Gas: 623 pounds	
Get Annual Tune-Ups		
Tune up air conditioner.	196 pounds	
Tune up furnace.	Electric: 917 Oil: 579 pounds Gas: 400 pounds	
Drive Less		
Find ways to combine trips, take public transportation, walk or ride a bike instead of driving. To calculate gallons of gas you will save: $\frac{\text{fewer miles driven}}{\text{miles per gallon the vehicle uses}} = \text{gallons of gas saved}$.	19.6 pounds per gallon of gas	
TOTAL CO₂ YOU WILL SAVE:		