



## Saving a Ton of CO<sub>2</sub>

Saving a ton of CO<sub>2</sub> 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 <sub>2</sub> Savings	Pounds of CO <sub>2</sub> You'll Save Each Year
<b>Electricity Simplicity</b>		
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	
<b>Getting into Hot Water</b>		
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	
<b>Turning Over a New Leaf</b>		
Plant a tree on the south or west side of your home to provide cooling shade.	133 pounds per tree	
<b>Home Is Where the Heat Is</b>		
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	
<b>Get Annual Tune-Ups</b>		
Tune up air conditioner.	196 pounds	
Tune up furnace.	Electric: 917 Oil: 579 pounds Gas: 400 pounds	
<b>Drive Less</b>		
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	
<b>TOTAL CO<sub>2</sub> YOU WILL SAVE:</b>		