



Saving Energy in the Home

Why cut down on energy use in your home?

- **It saves you money:** cutting down on the energy consumption in your home is the cheapest way to conserve energy since it is directly correlates to your heating, cooling, and electric bills.



How can you save energy in your home?

Quick Easy Things:

- Eliminate vampire power
- Switch to a local alternative energy supplier
- Hang clothes out to dry
- Install compact fluorescent light bulbs
- Change settings on your water heater

Save Lots of Energy!

- Get solar power
- Install updated insulated windows

Eliminate Vampire Power!

Vampire power is the power wasted when appliances are plugged in but not being used. To eliminate vampire power turn off or unplug energy wasting appliances at night or simply when you aren't using them during the day.

The most important appliances to turn off are: video game consoles, laptop/phone chargers, **plasma televisions**, computers, VCRs, LCD monitors.

Vampire energy costs the United States 3 billion dollars a year!



Switch to Alternative Energy!

- Sign up to receive wind power in your home instead of coal! It is easy to switch and doesn't cost anything.
- This reduces your energy consumption by **7 metric tons of carbon** per year.



Visit the CCIHC website for more information:
<http://www.hococlimatechange.org/>

Install compact fluorescent light bulbs

- These light bulbs use $\frac{1}{4}$ the energy of a normal light bulb and last 8-12 times longer.
- One compact fluorescent bulb saves 260 pounds of CO₂ per year.



Save energy with your laundry!

- Always wash clothes in coldwater since 85% of energy just goes to heating the water. This can save as much as 500 pounds of CO2 per year!
- Don't do laundry unless you have a full load,
- Use a close line to dry clothes instead of the dryer which is one of the highest energy users in the home.



Save energy with your water heater!

- Turn the temperature down from 140 degrees to 120. This saves 1,200 pounds of CO₂ per year on an electric heater.
- Install a timer so that your water heater will turn off at night.
- Buy an insulating jacket for your water heater, these cost \$10-20 and can save 1,100 pounds of CO₂ per year. (220 pounds for a gas heater)

Insulate your home with energy efficient windows!

- By upgrading to argon filled double glazed windows you can save approximately 9.8 tons of CO₂ per year with electric heat and 2.4 with gas heat.
- Double glazed windows can reduce heat loss by 50 percent.
- You can also get federal tax credits when you purchase energy efficient windows!



Go Solar!

Obama is installing solar panels in 2011..
Join him!

- Though solar panels can be expensive you can apply for federal/state/local tax rebates to significantly decrease the cost.
- It can increase property value by \$20,000.
- You can sell energy credits back to the grid and receive an annual check.

Going solar is equivalent to taking 36 cars off the road or planting 609 trees!

