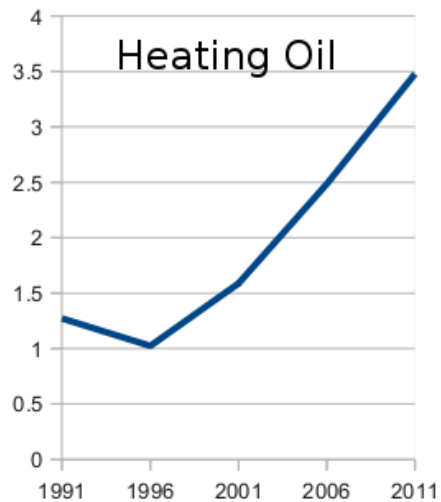


The cost of energy is going up!



Read on for five free or inexpensive tips for saving money and energy....

This brochure was produced by the Free Union Homeschoolers as part of the Rutgers's Teen Climate Change Summit. (TCCS)

The objective of the TCCS was:

“to work with Rutgers University scientists to learn about climate change science to develop community science projects that apply their knowledge of climate change issues in their local communities.”

For more information, go to <http://4hset.rutgers.edu/programs.html>



The TCCS was a part of a wider investigation into the Journey of Energy, which involved understanding the generation, uses and cost of energy, and took us around power plants, down a coal mine, into rivers impacted by mines, and around remediation solutions.



We also produced a movie, which can be viewed on YouTube at: www.freeunionschoolhouse.com/energy_story



The Journey of Energy was made possible by an Environment Education grant from PPL Corp. More information at <http://www.pplweb.com>.

The Power Down

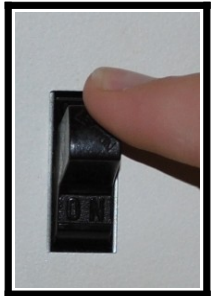


Challenge



Money-saving tips inside

Turn off the lights Manage your Thermostat



- ✓ Turn off lights when you leave a room or when they're not in use.

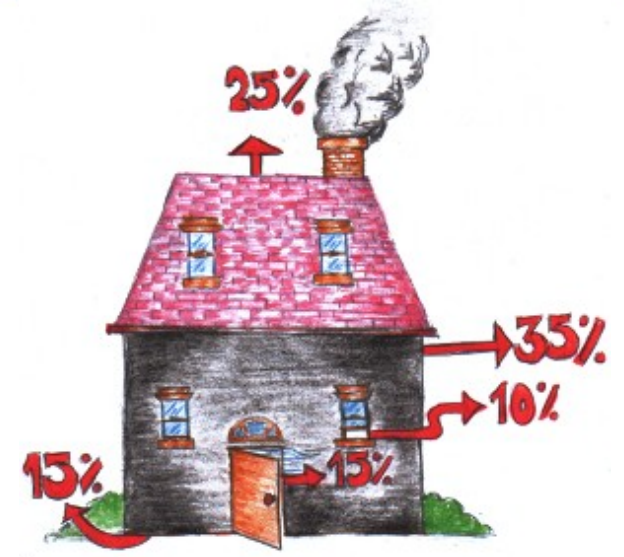
Every 100 watt light, running 10 hours a day, costs \$60 per year



- ✓ Raise your thermostat in the summer
- ✓ Lower your thermostat in the winter, especially at night.

Most homes could save 5% from their annual fuel bill

Insulate your home



- ✓ Insulate walls and attics
- ✓ Add or replace weather strip on doors and windows
- ✓ Stop leaks in heating and cooling ducts.

Savings of hundreds of \$\$\$ per year are possible.

For more information and energy saving ideas see:

<http://www.kilowattours.org/>

Brochure designed by Danielle Perone, Annie and Jenny Panagakos, Matt, Katie and Grace Majorossy, and Philip Wooldridge. Photographs by Philip and Danielle. House sketch by Daniela Molina.

Unplug electrical appliances when not in use



- ✓ Use a power strip so they can easily be turned on and off

A 2000 study found standby power accounted for around 10% of household power-consumption

Replace light bulbs with compact fluorescents



- ✓ Determine which lights you use most and replace

Each replacement can save \$48 over the life of a bulb