

Saving Energy at Home



How can you save energy at home?

- air leaks (40%!)
- insulation
- heating & cooling equipment
- appliance efficiency and use
- lighting types and uses
- window shades
- thermostat levels



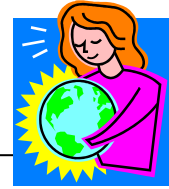
Where can you find air leaks in a house?

1. Chimney
2. Bathroom fans
3. Plumbing vents
4. Soffit vents
5. Blower door
6. Header space where floor joints of structure meet top of basement walls.
7. Air infiltration from where baseboards meet the floor.
8. Ceiling light outlets
9. Air conditioning units/vents
10. Air extraction fans in kitchen
11. Air infiltration around windows
12. Warm air loss through unsealed fireplace chimney
13. Unsealed openings in walls for services.
14. Furnace.
15. Dryer vents



Are You An Energy Pig?

Since World War II, total world energy use has quadrupled



Canada ranks as the world's sixth largest user of primary energy. This high level of use can be attributed to vast travel distances, a cold climate, an energy-intensive industrial base, relatively low energy prices, and a high standard of living.

Energy use of this magnitude has a significant impact on the environment. The combustion of fossil fuels, the most widely used forms of energy, releases gases and chemicals that contribute to acid rain, poor air quality, and climate change. Oil spills, blow-outs, and unsustainable mining practices can damage ecosystems. The depletion of known fossil fuel reserves requires continued exploration and mining, with the potential for the invasion and disruption of remote ecosystems.

Other forms of energy also pose risks to the environment. Nuclear energy production has few emissions, although waste heat can significantly disturb aquatic ecosystems. Radioactive waste continues to be harmful for thousands of years, so its safe storage remains an environmental concern.

Hydroelectric power is a cleaner form of energy; however, dams built to generate electricity alter natural river courses and silting patterns, flood habitat, affect fish spawning, and can change the chemical balance of a lake or river.

Energy sources such as solar and wind power are available but make up only a fraction of the energy consumed in Canada.

We are consuming energy at the highest levels ever recorded...we will run out. We need to take action now for the future.

You have been hired by Environment Canada's "Energy Busters Promotion Campaign" to create one poster in a series of posters that will tell Canadians from coast to coast to curb their energy consumption for the sake of future generations.

Your posters will not only contain ***colour and pizzazz*** but a ***meaningful slogan or message*** that will catch the attention of Canadians young and old, make them stop in their tracks and think, "I can do that".

The challenge is tough but the Energy Busters know you can succeed!