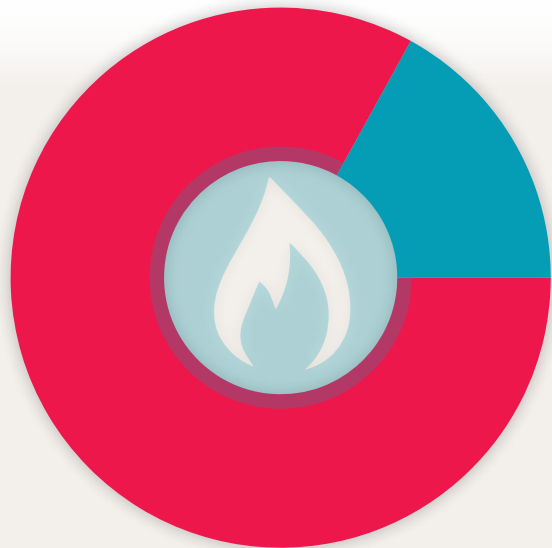


### Did You Know?

51% of Alberta's electricity is generated by coal-burning power plants and another 38% is generated from natural gas<sup>1</sup>?

Coal plants are a top source of CO<sub>2</sub> emissions in the atmosphere and a leading cause of smog, acid rain and toxic air pollution. The side effects of burning coal have been linked to climate change as well as cardiac and respiratory problems.

Conserving energy is not only good for our environment and our health – it can also help save money on utility costs.

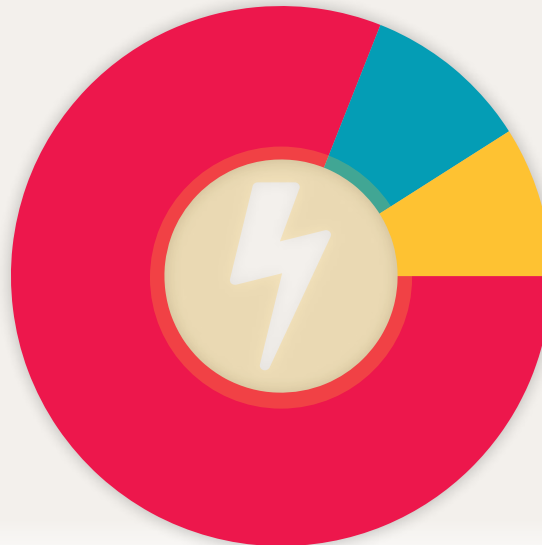


### Natural Gas

- > 83% home heating
- > 17% water heating

### Electricity

- > 81% appliances
  - > 10% lighting
  - > 9% electronics




The most significant energy use in our homes comes from heating and cooling it. When we seal up home energy leaks, we not only save \$\$, we help the environment, too!



1. Electricity Statistics. (1995-2014). Retrieved October 16, 2014 from: <http://www.energy.alberta.ca/Electricity/682.asp>

## Energy Efficiency Tip Sheet

 Take action! Check off these items that can help you conserve energy in your home.

### > No Cost

- Unplug electronics when not in use or place them on power bars and turn off the entire power bar. Smart power bar options include programmable or remote operated with wall-mounted on/off switch.
- Use an indoor drying rack or an outdoor clothes line instead of your clothing dryer.
- Use the sensory option on your clothing dryer instead of timed dry (also helps eliminate static).
- Air-dry your dishes instead of using the heat dry option on the dishwasher.
- Turn off pilot lights seasonally on gas fireplaces and furnaces.
- Use ceiling fans to cool rooms in the summer (counter clockwise) and move warm air down in the winter (clockwise).



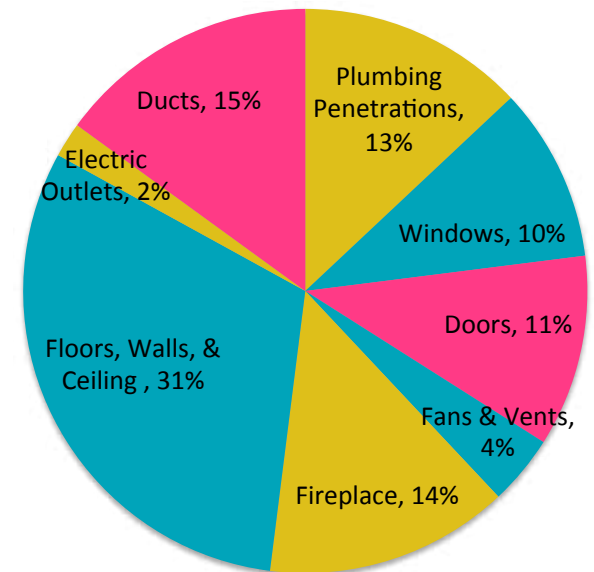
### > Low Cost

- Switch to an Alberta green energy provider to support the generation of renewable energy.
- Upgrade to energy efficient lighting starting in high use areas (CFLs or LEDs).
- Install a programmable thermostat or program your existing programmable thermostat.
- Install insulating plates under your electrical outlets and light switches on external walls.
- Install low-cost window film to improve the efficiency of your windows (available at most hardware stores).
- Replace weather stripping/door thresholds and caulking to stop air leakage from around doors and windows.
- Seal air duct joints with foil tape to improve efficiency and stop air leakage.
- Install insulating tape along the edges of the attic door to stop warm air from escaping into the attic.
- Seal up wood fireplaces with insulation or chimney balloons to reduce heat loss.
- Replace your furnace filter regularly to improve efficiency (every 2 - 3 months - pleated filters best).
- Use the vacation mode on your hot water tank if leaving the house for 2 days or more.
- Insulate first few feet of copper pipe coming out of the hot water tank; turn tank heat down to reduce gas use and prevent scolding.

### > Investment

- Replace appliances 10 years or older with Energy Star-rated models.
- Add insulation in areas that lose the most heat such as attics, basements and crawl spaces.
- Look into having a home energy audit conducted to help prioritize your efficiency home improvements.

### The Energy Leaks in our Home



[www.greencalgary.org](http://www.greencalgary.org)

100, 301-14th St NW Calgary, AB, T2N 2A1  
403-230 1443 ex 222 | [info@greencalgary.org](mailto:info@greencalgary.org)

 @greencalgary  find us on facebook