## **Environmental Health and Safety**

January 2016



# **Cutting Energy Costs**

### **Energy Saving Tips:**

Insulate your walls and ceilings. This can save up to 30% of home heating bills, as well as reduce CO<sub>2</sub> emissions.

If you live in a warm climate, you can paint your house a light color to reflect heat away from your home.

If you live in a cold climate, you can paint your house a darker color to absorb heat into your home.

Set your clothes washer to the warm or cold water setting, not hot.



Conserving energy is the most economical and environmental action you can take. Whenever you save energy, you not only save money, you also reduce the demand for fossil fuels. Less burning of fossil fuels also means lower emissions of carbon dioxide.

There is now an energy efficient alternative for almost every kind of appliance and light fixture. This means consumers have real power to change their energy use on a revolutionary scale.

The average American produces about 40,000 pounds of CO<sub>2</sub> emissions per year. Together, we use nearly a million dollars worth of energy every minute of the year. By being energy conscious, you can cut your annual emissions by thousands of pounds and your energy bills by a significant amount!

#### **Cutting Heating and Cooling Costs:**

- Seal your house. Close fireplace damper
- Cool your home naturally by opening windows on cool summer days
- Install Energy Star ceiling fan
- Consider switching to a natural gas water heater
- Hang wash out to dry instead of using dryer
- Install timer on bathroom exhaust fan
- Use compact fluorescent or LED bulbs
- Plant shade trees to shade your house and cool it by as much as 20 degrees
- Seal ductwork

#### **Cutting Appliance Energy Costs:**

- Replace old refrigerator
- Keep refrigerator and freezer full
- Clean refrigerator condenser coils annually
- Use a front load washing machine. Uses
  50% less energy than top loading washer
- Do loads of laundry all in same evening.
  Dry back to back to capture residual heat in dryer
- Run only fully loaded dishwasher
- Select "unheated air-drying" on dishwasher



#### **Resources:**

**Energy Star** 

**Energy Saving Tips** 

Reduce Energy

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Sustainable is Attainable: Promote Green Education and Practices