



Energy Saving Myths

MYTH: Setting your thermostat back during the day doesn't save you money because your heating system has to work so hard when you get home.

It's true that when you come home and turn up your thermostat, your heating or cooling system will run for a longer period of time to get it to the desired temperature. But it uses less energy than having it run at a higher temperature for the 8 or more hours the house was empty.

MYTH: Replacing windows is the most cost-effective energy improvement you can make to reduce your home energy bills.

Replacing window is the not the most cost-effective way to reduce your energy bills. The actual amount of your savings depends on how leaky your old windows are, how many windows your older home has, how tight and well-insulated your home is, and how efficiently the heating system operates. The biggest benefits from replacing windows are improved comfort, aesthetics, and added resale value.



FOR MORE INFORMATION

The Internet is a great source for finding information about energy conservation. Here are a few suggested sites.

- www.washingtoncity.org
- www.idahopower.com
- www.energysavers.gov
- www.energyhog.org
- www.energystar.gov

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Washington City
Where Dixie Begins

POWER DEPARTMENT



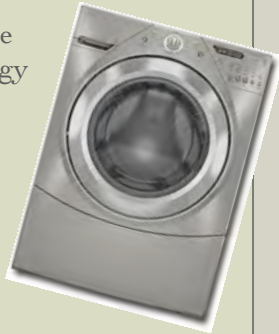
WHERE DOES YOUR ENERGY GO?

Saving energy means saving money especially in your home. Washington City Power would like to help you conserve by providing information to help you make your home energy efficient. Use this brochure as a guide to finding information, and to make sure you know myth from fact when it comes to energy efficiency investments.





ENERGY STAR is a joint program of the U.S. Environmental Protection Agency and the U.S. Department of Energy helping us all save money and protect the environment through energy efficient products and practices. Results are already adding up. Americans, with the help of ENERGY STAR, saved enough energy in 2007 alone to avoid greenhouse gas emissions equivalent to those from 27 million cars — all while saving \$16 billion on their utility bills.



ENERGY STAR helps you make the energy efficient choice.

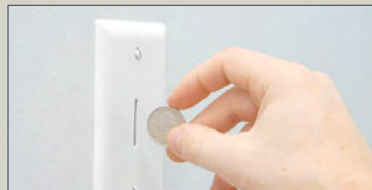
- If looking for new household products, look for ones that have earned the ENERGY STAR. They meet strict energy efficiency guidelines set by the EPA and US Department of Energy.
- If looking for a new home, look for one that has earned the **ENERGY STAR**.
- If looking to make larger improvements to your home, EPA offers tools and resources to help you plan and undertake projects to reduce your energy bills and improve home comfort.

www.energystar.gov

Knowledge = Conservation

SIMPLE WAYS TO CONSERVE ENERGY

- Buy a power strip and plug all components into the power strip. When you turn off the power strip, it is truly turned off.
- Unplug rarely used appliances/electronics.
- Repair leaky faucets—two drops per second can waste over 200 gallons of water per month.
- Use the energy saver setting on your dishwasher and air dry when time allows.
- Keep lint and filters and vent hoses clean.
- Use cold or warm water for laundry.
- Caulk, seal, and weather-strip all seams, cracks and openings to the outside.
- Turn lights off when not in use.
- Clean lights and light fixtures. You may not need as many lights, if the fixtures are clean.
- Have your HVAC systems serviced.
- Clean and replace furnace and A/C filters monthly. This will make it easier for your system to run.
- If your water heater tank is hot or warm, it needs a blanket or wrap for insulation.
- Use motion-sensors, timers, or solar cells lights outside.
- Use energy efficient light bulbs.

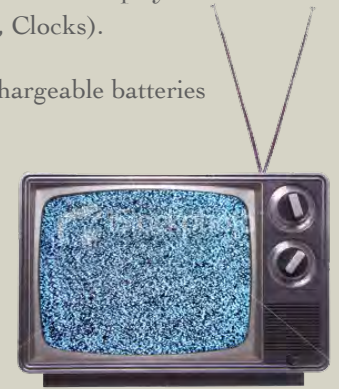


PHANTOM LOAD - WHAT IS IT?

A “phantom load” is any appliance or electronic gizmo that uses energy even when turned off. They are also known as “vampire appliances” or “energy vampires”.

WHAT APPLIANCES OR ELECTRONICS ARE PHANTOM LOADERS?

- Electronics with remote controls (TV's, VCR's, audio equipment).
- Anything with a continuous display (Stove, Microwaves, Clocks).
- Electronics with rechargeable batteries (Cordless Phones)
- Appliances with external power supplies (Inkjet Printers and iPod Chargers)



COMMON HOUSEHOLD ITEMS TYPICAL MONTHLY ELECTRICITY USE

REFRIGERATOR	500 KWH
DISHWASHER (3 LOADS/WK)	44 KWH
SMALL TELEVISION (CRT)	36 KWH
COMPUTER/MONITOR	11 KWH
HAIR DRYER	9 KWH