

Earth Day 2016

Energy/Water Conservation Facts

- A hot water faucet that leaks **one drop per second** can add up to **165 gallons per month**. That's more water than the average person uses in in two weeks!
- Every time you open the refrigerator door, up to **30 percent** of the cold air can escape.
- Recycling just **one aluminum beverage can** saves enough energy to run a **100-watt bulb** for **20 hours**, a computer for **3 hours** or a TV for **2 hours**.
- If every U.S. home replaced just **one light bulb** with an ENERGY STAR efficient light bulb, the amount of energy saved could light **more than 3 million homes for a year** and prevent **9 billion pounds** of greenhouse gas emissions per year, equivalent to the emissions of about **800,000 cars**.
- Recycling **125 aluminum cans** saves enough energy to power one home for a day.
- A compact fluorescent bulb (CFL) uses **75 percent less energy** than a traditional incandescent bulb.
- In the average home, **75 percent** of the electricity used to power home electronics is consumed while the products are turned off. The average desktop computer idles at **80 watts**, while the average laptop idles at **20 watts**. An average gaming system uses about 200 watts whether idle or active.
- Idle power consumes **more electricity** than **all the solar panels** in America combined.
- Approximately **30 percent** of energy used in buildings is used inefficiently or unnecessarily.
- Cooling and heating costs make up approximately **half** of an average U.S. home's total energy bill.
- On average, **one pool pump** consumes electricity equal to **44 percent** of the annual electricity consumption of a typical California household. There are more than 7 million pools in America.
- The average five-minute shower uses **15 to 25 gallons** of water, while the average bath requires **37 gallons**.
- Leaving the water running while brushing teeth wastes about **five gallons** of water.

For more information on the Air Force's Earth Day efforts, visit
<http://www.afcec.af.mil/news/earthday>