

# Save energy & save money year-round

Did you know that home electronic devices use energy to power features like clock displays and remote controls even when they're off?

The typical household has 20 to 40 electronic devices that use standby power at the same time. Although each device uses a relatively small amount of electricity, their combined energy usage represents, on average, 10% of household electricity consumption – the equivalent of operating a second refrigerator! Households spend about \$100 per year to power devices while they are in this standby mode.

The average home has two TVs, three telephones, and a DVD player. If these items alone were replaced with ENERGY STAR® qualified models, it would save over 25 billion pounds of greenhouse gas emissions, equivalent to that of more than 2 million cars.

Products that have earned the ENERGY STAR use less energy to perform these functions, while providing the same performance and features as conventional models. Using less electricity saves energy resources and helps protect the environment while saving you money.

This chart shows standby energy (kWh) and costs for various devices.

Appliance or device	Typical load when off but plugged in	Power cost per month
Desktop PC (computer and LCD monitor)	5	\$.67
Computer speakers	2	\$.27
Wireless router	2	\$.27
Multi function printer/scanner/copier	6	\$.80
LCD television	1.5	\$.20
Plasma television	3	\$.40
Digital cable box	35	\$4.66
TiVo or digital video recorder	35	\$4.66
Satellite cable box	12	\$1.60
Cellphone charger (when not charging)	1	\$.13
Video game console (Xbox 360)	1	\$.13
Cordless phone	2	\$.27
Garage door opener	12	\$1.60
Microwave oven	3	\$.40
Coffee pot	1	\$.13
Clock radio	2	\$.27

(Source: U.S. Department of Energy, California Energy Commission)



## Eliminate unnecessary power use in your home

- Unplug your devices that are not in use or if they're totally unnecessary.
- Plug electronics into a power strip, and when you're not using those devices, turn off your power strip.
- Consider a "smart" power strip which can be used to control multiple devices on home theaters or computer systems when not on.
- Remove chargers from the outlet when not charging. Chargers for cell phones, iPods and laptops keep drawing electricity even when done charging.
- If you are in the market for new electronics consider ENERGY STAR qualified home electronics. ENERGY STAR products use up to 60% less energy than conventional equipment, without sacrificing performance or any important features.