



# LaRC ENVIRONMENTAL MINUTE

Standard Practice and Environmental Engineering Branch (SPEEB)

Energy Conservation

## WASTED ENERGY

**Did you know?** The Department of Energy (DOE) estimates that up to 75% of appliance energy is used when it is turned off. This can mean roughly 10% or more of your electrical bill comes from appliances you just haven't 'turned off'.

**What can you do about it?** It's important to be aware of what is consuming power, even when you aren't using it. The easiest solution is to unplug devices when not in use! Smart Strip surge protectors can be purchased to shut down standby power to certain outlets. These products work great for computer or TV applications.

**Responsible energy consumption means that LaRC is saving taxpayer dollars, reducing our environmentally harmful emissions, and conserving natural resources.**

Appliance	Power consumed when turned off or not charging
Cell phone charger	1 W
Computer LCD monitor	3.5 W
Desktop computer (off)	9.21 W
Desktop computer (sleeping)	83.3 W
Computer stereo speakers	5.6 W
Plugged in laptop (not charging)	50 W
Fax machine	8.72 W
Furnace	9.8 W
Ink jet printer	4 W
Coffee maker	2.7 W



A Smart Strip surge protector can conserve energy while you are not using your electronic devices

For more environmental info: <https://environmental.larc.nasa.gov/>