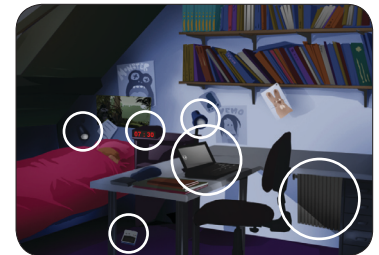




Electrical appliances / Standby power

Standby power accounts for 5-10% of total electricity consumption in most homes. It is responsible for roughly 1% of worldwide CO₂ emissions.



Electricity consumption occurs even when appliances are not performing their main function!

For example, a television set is usually switched on for three hours a day (the average time Europeans spend watching TV); it is thus in standby mode during the remaining 21 hours of the day, which means about 40% of its daily energy consumption occurs when it is in standby mode.

What can you do?

Completely switch off or unplug appliances when not in use and reduce your electricity bills by up to 10 %!

Power consumption of most appliances in standby mode is small, typically ranging from 0.5 to 10 Watts, however:

- The number of devices drawing standby power is large: a European, Japanese, Australian, or North American home often contains twenty devices constantly drawing standby power (ex. television, DVD player, stereo, computer, game console, printer, coffee machine, microwave oven, electrical toothbrush, battery chargers, power adaptors ...).
- The devices are continuously plugged in. The length of time in standby mode can be very long compared to the operational time of the devices.

Connecting your home entertainment centre to a switchable multiple socket can lead to energy saving amounting to 204 kWh per year and financial savings of 23€ per year.

Regions of the world

Projects across the world:
EU: <http://www.selina-project.eu>
USA: <http://standby.lbl.gov>

Did you know?

According to experts (IEA,2009), by 2010 there will be over 3.5 billion mobile phone subscribers, 2 billion TVs in use around the world and 1 billion personal computers.