

We all make choices about how electricity is used on campus. **Switch Off 2010 is about switching off lighting and electrical equipment whenever it is not in use.** It's about rethinking our energy habits.

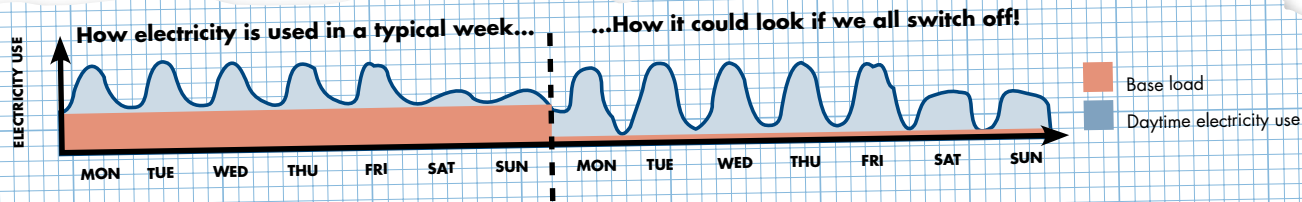
Why switch off?

It almost goes without saying but we're going to anyway: we waste a lot of electricity on campus.

Around half of our electricity is used outside of normal working hours when most people are not here!

- Over the last 10 years campus electricity use has risen by around 30%
- In 2008/09 the University spent £5.6M on electricity

Our electricity use



This graph shows electricity use over time. Notice there is a high constant demand even at nights and weekends when very few people are on campus. We call this the base load.

The base load includes many electrical items which have been left on needlessly, such as:

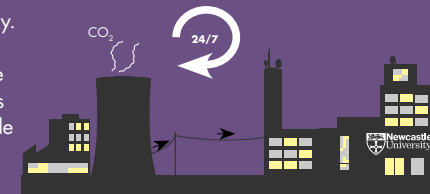
- Lights - the most visible culprit
- Monitors and hard drives - yes it's OK to switch them off
- Copiers and printers - last one out switch them off
- Fume cupboards - big energy users in labs

The Bigger Picture

Wasted electricity means unnecessary depletion of fossil fuels and the release of preventable greenhouse gases, polluting our atmosphere and changing our climate.

Climate change is happening now. We are already feeling the effects locally.

Over the next 10 years we need to halve our carbon dioxide (CO₂) emissions. This is a tough challenge but not an impossible one.



What else is happening?

- Newcastle University is at the forefront of climate change research
- Energy saving investment plans are being developed for each building
- More low energy lighting and automatic controls are being installed across campus
- Old, inefficient boilers and equipment are being replaced
- Recycling rates are up to 60% of general waste
- Development of our Environmental Management System, called EcoCampus is progressing well

More info

We can't fit everything we would like to share with you in this little leaflet. Please find out more about Switch Off 2010 at...

ncl.ac.uk/switchoff2010

