



## Energy Efficiency at UQ

Energy use is the dominant source of greenhouse gas emissions in Australia, contributing 69 per cent in 2004 of the nation's total emissions (Australian Greenhouse Office-Department of the Environment and Water Resources). UQ uses a considerable amount of energy throughout its three campuses. However, there are a number of energy saving techniques that staff can use in their office areas to reduce our energy consumption.

An LCD panel monitor generates around half as much greenhouse gas as a conventional monitor. And **adjusting its brightness lower** can cut emissions to a quarter.



By simply **shutting your computer down** and **switching your monitor off** at the end of the day you can save energy and cut greenhouse gas emissions.

When you shut down your computer at the end of the day the on-off button on your monitor will go from a **green light** to an **orange light**.



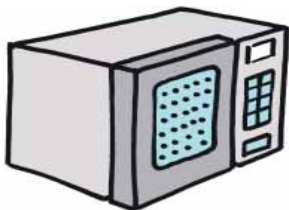
This means **the computer has been shut down but the monitor is still on!** Push the on-off button on your monitor and the light will go out. Now your monitor is off and no electricity is being drawn.



Switch off lights when you leave the room during the day and when you leave the office at the end of the day.

When appliances are switched off at the appliance, but left on at the wall, they may use some energy called 'standby' power. Typically this is between 1 and 20 watts, with most appliances using less than 5 watts—that's around 45 kilograms of greenhouse gas each year for each item.

**Switch off appliances at the powerpoint.**



In your lunch room switch off your microwave at the wall. Microwaves draw electricity for the digital clock, but do you really need the time on the microwave?

## Sustainable Transport



The transport sector is one of the fastest growing emissions sectors in Australia and as such provides significant opportunities for greenhouse gas abatement.

Cycling is a great form of sustainable transport. Doctors at the University Health Services ride their bicycles to work. Dr. David King says "it is an ideal way to get to work - combining commuting with guaranteed regular exercise. In peak hour traffic I can get to work faster on my bicycle than if I need to drive, so even on showery days I often opt to go by bike rather than by car".

National Ride to Work Day is on Wednesday 17<sup>th</sup> October and this year UQ BUG (UQ Bicycle User Group) is holding a barbeque breakfast from 7am behind the UQ pool on William McGregor Drive. See the UQBUG website at [www.uq.edu.au/uqbug](http://www.uq.edu.au/uqbug) for more information and details on how to register.



If you would like more information about cycling, see the cycling promotion foundation website at [www.cyclingpromotion.com.au](http://www.cyclingpromotion.com.au) You can also view the Brisbane City Council Bikeway guide at [www.brisbane.qld.gov.au](http://www.brisbane.qld.gov.au) to find out where bike paths are located. Happy cycling!

## Coming Events

- Green Office Representatives are invited to attend the water forum on Wednesday 24<sup>th</sup> of October at the UQ Centre Lecture Theatre, 1.30- 3.30pm. This will be in place of the Green Office update session.
- Green Office Information and Training Session for new reps will be held at 3pm Thursday 25<sup>th</sup> October at the Property and Facilities Meeting Room, Bldg 97, Services Road, St Lucia Campus.
- Walk to work day is on the 5<sup>th</sup> of October see [www.walk.com.au](http://www.walk.com.au)

*We appreciate your ideas and suggestions, so if you have any feedback please contact Environmental Services on the details below.*

For further information, contact Environmental Services:

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