

Science Building Energy Challenge:

Aim: To reduce the buildings Electricity demand by 2.5%

between the

Week starting Monday 2nd Nov 2009

&

Week starting 9th Nov 2009



Please follow energy guidelines posted about the building.



e3 Energy Lab Guide:

Science Building



Equipment and Lights

- ✚ Switch off computers, printers and peripherals when possible.
- ✚ Ensure the energy saving mode is set on equipment where possible.
- ✚ Turn off lights when it's safe to do so.

Fume Cupboards

- ✚ Pull down the sash on fume cupboards when possible.

Fridges

- ✚ Turn fridges and freezers to required temperature and turn off when not required.
- ✚ Allow air to circulate freely around fridge condenser coils and clean coils / filters regularly.
- ✚ Clear out and consolidate contents of fridges and turn off where possible.

Miscellaneous

- ✚ Turn off miscellaneous lab equipment when not in use
- ✚ Turn off fridges, ovens, autoclaves etc when not required.
- ✚ Try to use full loads when using ovens and autoclaves
- ✚ If possible turn down heating or air conditioning before opening windows to cool.

BE ENERGY AWARE IN THIS ROOM



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e3 Energy Office Guide:

Science Building



Heating:

- ✚ If a room is warm turn down any heating (electric heaters or air conditioning) before opening a window.
- ✚ When it's cold keep the doors closed to prevent draft.
- ✚ When possible, open the blinds to make good use of natural light. Don't block natural light from the windows with books or other items.

Computers & Peripherals:

- ✚ Ensure the energy saving mode is set on equipment if safe to do so.
- ✚ If possible leave peripherals such as printers, speakers, scanners turned off until they are required.
- ✚ Ensure your computer is set to go into standby after 20minutes.
- ✚ Ensure the fans on computers and printers are clean and are not blocked thus allowing free circulation of air

Lights:

- ✚ Turn off lights when possible: weekends, nights, breaks.
- ✚ Try leaving the lights off where natural light is sufficient.

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