

Big Switch Off 2009

CASE STUDY

Please feel free to expand the sections to include as much detail as you wish. It would also be useful to attach jpg images, including logos.



Project Title

Energy Reduction

Business/Organisation Details

Walkers Snack Foods Ltd
Distribution

Brief background to our business

Snack foods logistics

When did the project run?

The project started in 2007 and is still live.

Aims and objectives of the project

Reduce our carbon footprint by reducing energy use.

Who was involved?

The whole site

What did we do?

- We rationalized the lighting by removing any lights that were not required and moved lights to the correct area when needed.
- We installed microwave detectors to automatically control lights using daylight and occupancy to trigger the lights.
- Changed the switching to enable people to turn lights on and off when required.
- Replaced old technology lights with intelligent light fittings.
- Fitted Sola Tubes in a meeting room.
- Encouraged people to turn off unused equipment.
- Fitted a microwave and timers on air conditioning units.
- Changed smoke vents to clear polycarbonate blades to harvest daylight.
- Tried various low energy fittings
- Fitted day light tubes in all new and some existing lights on a repair basis.

What did we achieve?

Reduced our energy use significantly 10% as per the same period last year
Reduced Carbon impact
Reduced maintenance costs
Introduced daylight into the warehouse

Quote

Lessons Learned

Purchase a Lux meter and record levels before and after.
Survey the area first and then remove the lights not needed before replacing with energy efficient lights.
Carry out research and trial things before you embark on large changes and involve everybody.
Communicate all results to encourage people to conserve energy.
Data Log energy use to prove savings and to justify future capital expenditure.

Contact Information/Useful Links

CP Electronics
Sola Tube
Energy saving Systems