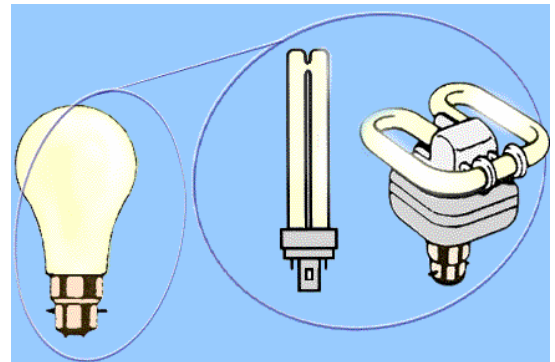


COMPACT FLUORESCENT LIGHTS

Compact Fluorescent Lights CFLs are designed to replace conventional tungsten filament bulbs but are much more efficient. A CFL consumes only one-fifth of the electricity and lasts up to ten times longer than an ordinary bulb. A life-cycle analysis for the EU Eco-Labeling Scheme showed that the energy savings during the lifespan of a CFL far outweigh any additional costs of production or disposal.

Compact Fluorescent Lights are a very effective and popular method of saving energy, reducing harmful atmospheric emissions and providing energy in a more affordable way. Each bulb will save at least £50 during its lifetime in the form of lower electricity costs and reduced frequency of replacement. At times of low interest rates in particular, CFLs represent a far better rate of return than money invested in a popular saving account.



Householders queue for Low Energy Light Bulbs outside the Energy Efficiency Centre

The City Council's Housing Department began a scheme in 1990 to sell low-energy lightbulbs to its tenants at a cost price of around £10 each. Within four years over 1,000 11W and over 500 20W bulbs had been sold. In addition City Council employees bought over 500 11W and 400 20W CFLs in the same time. These sales produced carbon savings of over 500 tonnes and reduced the emissions of other harmful gases including oxides of nitrogen and sulphur.

All tungsten bulbs in Council buildings have now been replaced with CFLs wherever practically possible. The Energy Efficiency Centre sold 5,369 CFLs to the public in the year ending September 2001.