

Energy Saving Measures

Heating and ventilation

- Review usage of air conditioning system
 - Change temperature setting from 18°C to 24°C
 - If used to provide heating then set controller to below 20°C
 - **Predicted annual energy saving = £957**
- Provide localised controls for heating system
 - Install thermostatic radiator valves (TRV's)
 - **Predicted annual energy saving = £13**
- Reduce flow of unwanted air into the building
 - Apply draught proofing to windows and doors
 - **Predicted annual energy saving = £66**



Lighting & Equipment

- Use energy efficient lighting
 - Can save up to 80% of lighting energy use
 - Replace 60W tungsten lamps with 11W CFLs
 - Replace 35W halogen lamps with 25W IRC lamps
 - **Predicted annual energy saving = £66**
- Buy "A" rated models when replacing equipment and appliances
 - New models save up to 50% of their energy use
 - ECA scheme provides tax incentives
 - Interest free loans from £5,000 to £100,000
 - **Predicted annual energy saving = £53**



Water consumption

- Reduce flush volume in toilets
 - Install water displacement devices in each WC - save 3 litres per flush
 - **Predicted annual energy saving = £52**
- Restrict flow in hand basins
 - Can save over 70% of water consumption
 - Install a hand basin tap spray insert
 - **Predicted annual energy saving = £21**



Maintenance

- Carry out periodic maintenance of building services
 - Potentially 10% saving in energy use
 - Catering equipment, heating, ventilation and air conditioning systems e.g. Seals on fridges, freezers, ovens
- Good housekeeping
 - Can save up to 5% of total energy and water use
 - Switch off policy on all lighting and equipment
 - Repair any dripping taps – can cost up to £20 a year