

- 1 **Loft Insulation.** Put at least 270mm of insulation in your loft. †
- 2 **Cavity Wall Insulation.** Have cavity walls insulated. 35 percent of household heat is lost through walls. †
- 3 **Dry Lining.** For solid walls, either internal dry lining or external cladding can be used to insulate solid walls.
- 4 **Draught Proof Doors** and hang thick curtains, keeping these drawn at night saves energy. Adding an internal lobby to the front door or an external porch will save even more energy. †
- 5 **Double glaze** or secondary glaze and/or draught-proof windows.

- 6 **Condensing Boilers.** When you replace central heating, install a more efficient condensing boiler with modern controls. This will allow you to keep rooms at a healthy temperature of 18°C – 21°C.
- 7 **Low Energy Light Bulbs.** Switch off all lights and appliances when not in use and use low energy light bulbs.
- 8 **Solar Thermal Panels.** Heat up your hot water and save up to 60 percent of heating cost a year.*
- 9 **Photovoltaic Panels.** Generate electricity using the sun's energy and save on your fuel bill.*
- 10 **Wind Turbine.** On exposed sites, generate electricity by installing a small wind turbine.*

- 11 **Green Energy.** Buy your electricity from a renewable tariff now available from a number of companies.
- 12 **Efficient Appliances.** When purchasing new electrical appliances look for the European Union Energy Rating Label; an "A" rated new appliance will use 30 percent less energy than an old one.
- 13 **Compost Waste.** Collect green garden waste and kitchen waste for composting.
- 14 **Recycle** metal cans, glass bottles, plastic, paper and cardboard through green box kerbside collections and at council collection points.

- 15 **Car use.** Keep your car regularly serviced and maintained. Join a car share scheme. www.carsharegloucestershire.com or phone 08700 111 199.
- 16 **Travel Smart.** Walk or cycle for short journeys and use public transport when you can.
- 17 **Water Butts.** Install a water butt to collect rainwater. You never know when you might need it.
- 18 **Passive Solar Gain.** Build a conservatory or glass lean-to on a south facing wall. It will collect heat for the house.
- 19 **Consider shutters** for shading in summer and extra protection in winter.
- 20 **Buy local produce** and support the Gloucester farmers' market.



We don't expect you to make all twenty of these changes but if you do, you will reduce the amount of energy you use each year and find that your household running costs are lower too. By making these changes at home you will also be making a difference by reducing the carbon dioxide emissions that cause climate change.

Energy efficient living

What you can do at home to help reduce climate change.

† Grants and discounts are available contact Gloucestershire Energy Advice Centre 0800 512012.
 * Subject to planning permission and listed building consent. Please contact 01452 396783.