

3C Shared Services Local Authority Building Control Energy Advice



Renewable Energy



"This icon indicates that some of the Home Improvement works listed may require building regulations approval. To find out more [Click Here](#) or call 3C Building Control for advice"



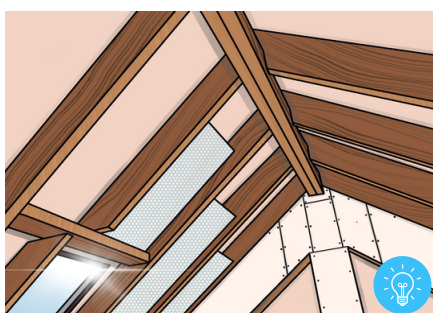
Investing in **renewable energy** can not only help to reduce your carbon footprint and kickstart your contribution to reaching Net Zero Emissions by 2050 but can also help save money on your heating, energy and fuel bills long term.

Renewable energy technologies in the UK include:

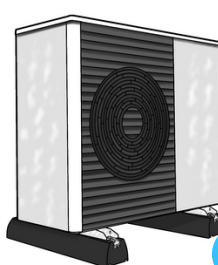
- Solar Photovoltaic (Solar PV)
- Solar Water Heating (Solar Thermal)
- Heat Pumps
- Small Scale Wind Turbines
- Biomass Heating Systems.



Heating Your Home

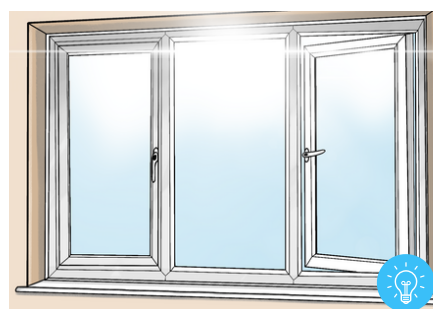


Properly **insulating your home** can not only reduce energy wastage but can also save you money on your energy bills. Insulation can be installed in your external walls, loft and flooring.



Air source heat pumps absorb heat from outside air. This heat can be used to heat radiators, under floor heating systems or warm air convectors and hot water in your home.

"To find out about your eligibility for grant funding [Click Here](#)"

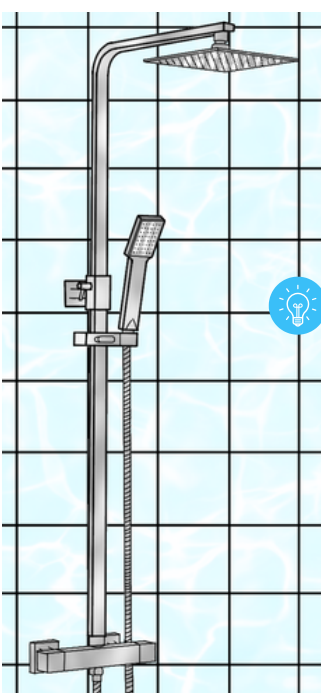


Double glazing can cut heat loss through windows by 50%, reducing the need for room heating. They can also cut down on noise and condensation and also reflect heat out during hot weather.



Setting your **thermostat** at the lowest comfortable temperature (often 18 to 21C) By turning your thermostat down by just one degree can help save on you Energy bill.

Water Saving Tips



More than 70% of our daily water use is in the bathroom.

Turning the tap off when brushing your teeth. It will save more than 2 full buckets of water a day.



Using a **water displacement device** in your toilet cistern and save 1 to 2 litres with every flush.

Reducing your time in the shower to just 5 minutes could save over 100 million litres of water every single day. Using less hot water will lower also your gas and electricity bills and reduce the amount of carbon emissions released into the atmosphere.



Wash fruit and vegetables in a bowl rather than under a running tap. The water could then be used for watering the plants or flushing the toilet.



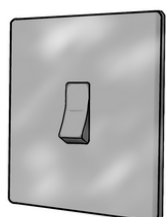
Use every space in your dishwasher before putting it on as each cycle can use 15 litres of water.



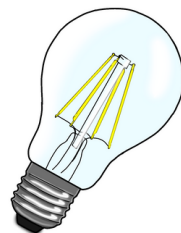
Save 10 litres of precious water by running one full load of washing instead of two half loads.

Washing on a 30-degree short cycle can also help save on energy

Energy Saving Tips



It's always best to **turn off lights that aren't being used**, even if only for a short time. This is even more important if you have any older, less energy efficient lightbulbs.



Switch to LED lightbulbs, lighting makes up 11% of the average households energy consumption, LED bulbs may cost more but have a much longer energy efficient lifespan saving you money over time.



Changing the way you boil water for cooking can help you save energy, time and money. Use the kettle to boil water for cooking, instead of heating a pan on the electric hob. Only boil enough water in your kettle for your needs.



Turn off appliances on standby. The average household can have up to 13 appliances that sit on standby mode throughout the day, make sure to turn them off at the plug to reduce electricity waste, e.g., TV's, Game Consoles, Laptops etc

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