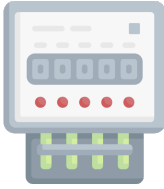


# Free things to cut energy costs

## General



### Get smart meters

Electricity and water meter let you see whether what you do is effective



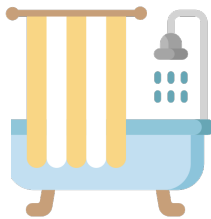
### Switch it off

TVs, games consoles, computers and screens which use electricity on standby. Switch off lights and TV when you're not in the room.

## Bathroom

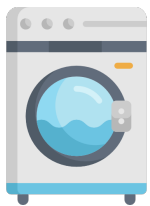
### Shower instead of bath

Showering cuts down both on water usage and water heating. Switch the water off when you lather up.



### 4 min is enough

Pick a favourite song for your shower and cut showering time to 3-4 minutes.



### Know your washing machine

Only wash a full cycle, use the lowest temperature and most ecofriendly/shortest cycle possible.

Only wash clothes when they need it.

Air dry if you can.



### Be efficient

Boil only the amount of water in the kettle that you need. Use microwave and hob instead of the oven.

## Kitchen



### Tune your fridge

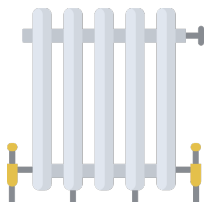
Make sure fridge and freezer are free of ice buildup and the temperature is set correctly. Don't keep the fridge door open.



### Work your dishwasher

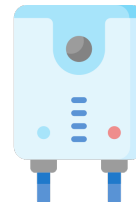
Fill your dishwasher to the brim and run it on an eco setting – it's more energy efficient than hand-washing dishes.

## Heating



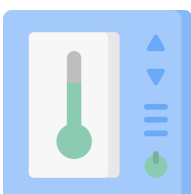
### Adjust radiator valves

Use your radiator valves to only heat rooms you want to heat. Don't put them on five, because then they heat constantly.



### Adjust boiler settings

Running your boiler at its ideal temperature means it works most efficiently. You can look up settings for your model.



### Turn-down thermostat

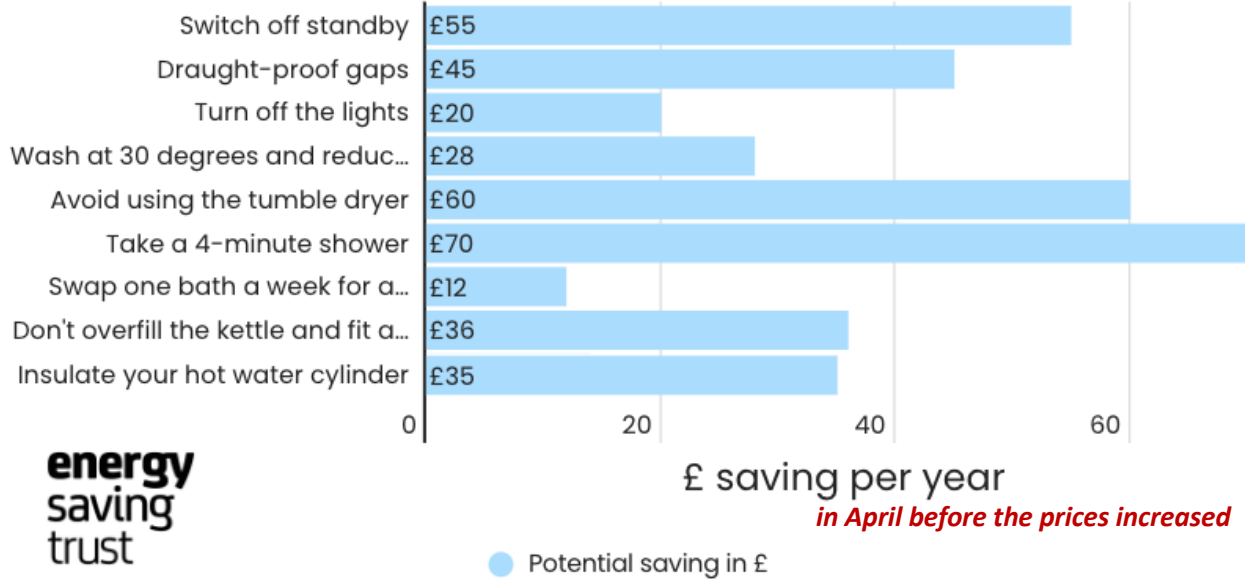
Turning down the thermostat by 1°C can save up to 10% of your heating bill.



### Wear warm clothing

Layering up with warm jumpers and socks allows for a lower overall temperature at home.

# Cutting energy – cutting emissions



## LOW COST

### Bathroom

#### Eco-showerhead/tap

Low flow showerheads mix air with water to cut down on hot water use.



£15

### General

#### LED lighting

LED lighting uses only about 20% energy compared to traditional lighting. Bulbs have a very long lifetime.

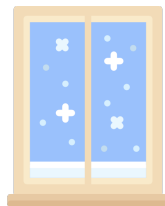


£5 / bulb

### Heating

#### Draughtproof windows

Draughtproofing windows, doors and letterboxes with foam strips or draught excluders



£15

#### Draughtproof fireplace

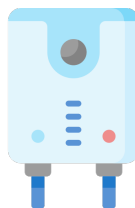
An open fireplace allows heat to escape. Draught excluders made from porous material stop airflow without completely closing the chimney



£30

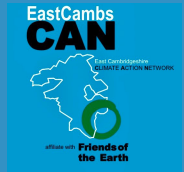
#### Insulate boiler and pipes

Insulating pipes and water tanks cuts down on energy costs to heat water.



> £50

# Cutting energy – cutting emissions



## MEDIUM COST

### Kitchen

#### Energy saving appliances

Replace appliances with a more efficient model.

> £500/each

### Heating

#### Insulate loft

A blanket layer of insulation material on top of the ceiling, including insulation of the loft hatch.

> £500

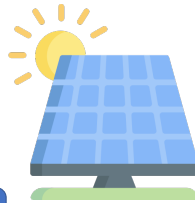


## INVESTMENT

#### Solar panels

Depending on the roof space and position solar panels can cover the majority of a household's energy needs.

> £5000



#### Insulate rafters/suspended floor

Insulating between the rafters and underneath suspended floors makes homes retain heat better.

> £1000



#### Efficient windows

Double and triple glazing and specialty coatings make windows more efficient at keeping heat in winter or out in summer.

> £5000



#### Heat pump

Heat pumps can be installed in a wide variety of houses and work about three times as efficiently than all other heating solutions.

> £5000



#### Wall insulation

Wall insulation can fill the cavity between outside and inside wall, or add an extra layer of insulation to a single wall.

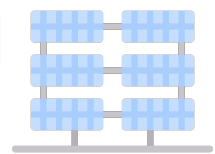
> £10000



#### Solar water heater

Hot water panels heat water using the sun. They can heat 40-70% of the hot water a household of four uses.

> £3000



## FUNDING



ECO4 Government grant (Energy company obligation)

BUS (Boiler upgrade scheme) for the installation of heat pumps

Renewable Heat Incentive