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USE YOUR FAST/ECO APPLIANCE SETTINGS

FIX THOSE DRAUGHTS

USE A SLOW COOKER

FLEX YOUR THERMOSTAT SETTINGS 16-18-19-21

RUG-UP TO WATCH TV

BLOCK A DISUSED CHIMNEY
(AN OLD PILLOW IN A BLACK SACK WILL DO THE JOB)

TAKE SHORTER SHOWERS

HAND WASH THE DISHES

CHECK YOUR SMART METER DISPLAY

WEAR ANOTHER LAYER

Reduce your energy use?

Things you can do at no cost

Before turning down the heating, check what's acceptable for the elderly, infirm or vulnerable

Flex your heating thermostat through the day :
16 if out, 18 when you're busy, 21 when you're still, but never 22!

https://readinguk.org/draughtbusters/radical-energy-savings/

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Things you can do at moderate costs

CHECK THESE IDEAS

- USE A HEAT PUMP TUMBLE DRIER
- FIT THERMO-STATIC RAD VALVES
- FIX DRAUGHTS & INSULATE YOUR LOFT
- CHANGE TO AN AA+++ FRIDGE/ FREEZER
- INSTALL SOLAR PV PANELS
- INSULATE YOUR HOT WATER TANK
- INSTALL SECONDARY GLAZING
- CHANGE TO LED LAMPS EVERYWHERE
- UNPLUG THAT OLD 'BEER' FRIDGE
- FIT A NEST OR OTHER SMART THERMOSTAT

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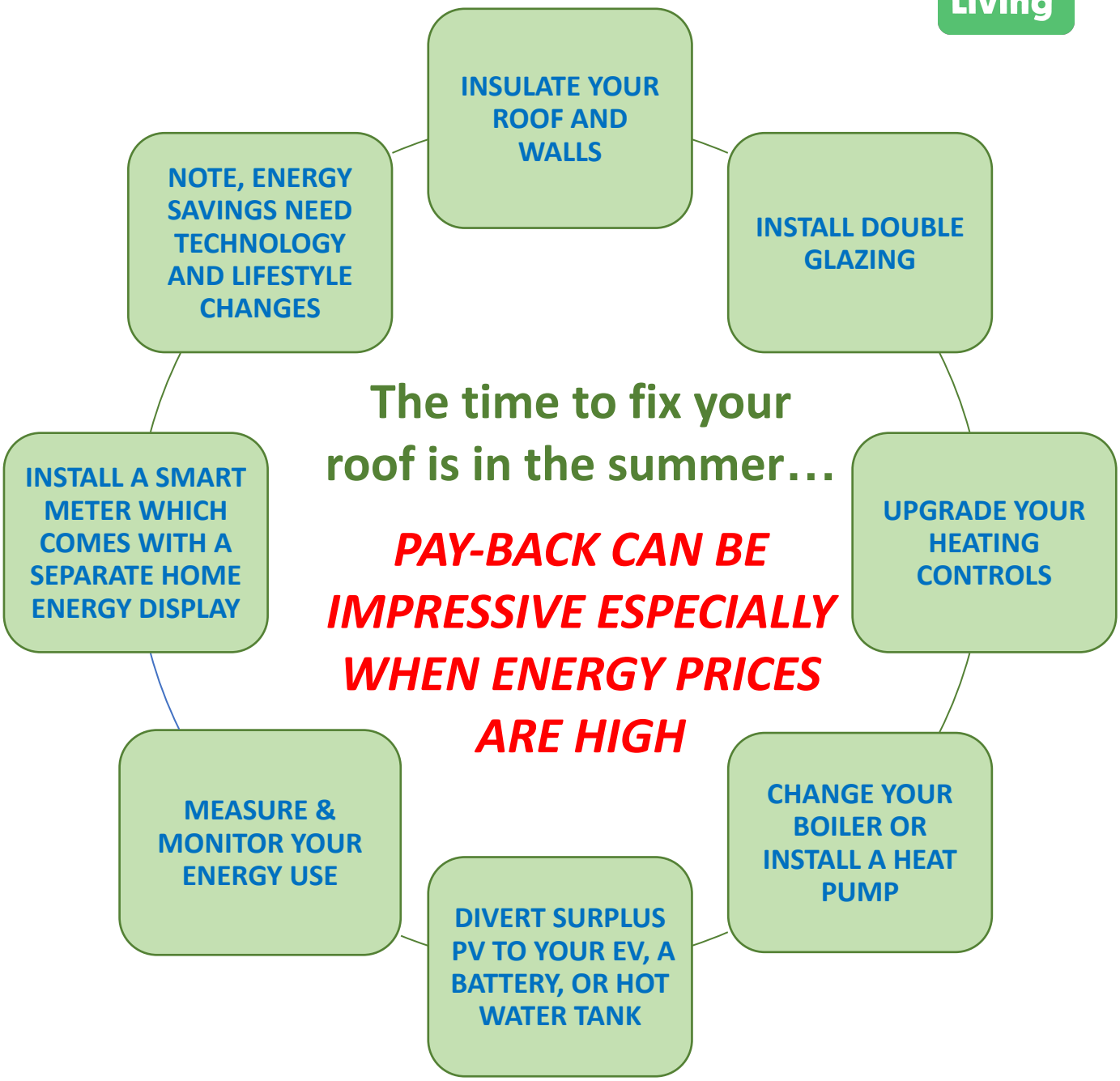

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https://readinguk.org/draughtbusters/radical-energy-savings/

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What if you can't pay your energy bills?

SOME SUGGESTIONS

- CONTACT YOUR SUPPLIER AND TELL THEM
- ASK YOUR SUPPLIER ABOUT A PLAN FOR MAKING REDUCED PAYMENTS
- IF YOU SIMPLY STOP PAYING you may lose protections, damage your credit rating, or even be disconnected
- A SMART METER DISPLAY IS FREE AND WILL SHOW YOU YOUR ACTUAL COSTS
- SEEK ADVICE INCLUDING ENERGY BUDGETING, see the list below
- CONSIDER ASKING FOR A PREPAYMENT METER BUT CHECK THE PROS AND CONS OF THIS

HELPFUL SOURCES OF INDEPENDENT ADVICE:

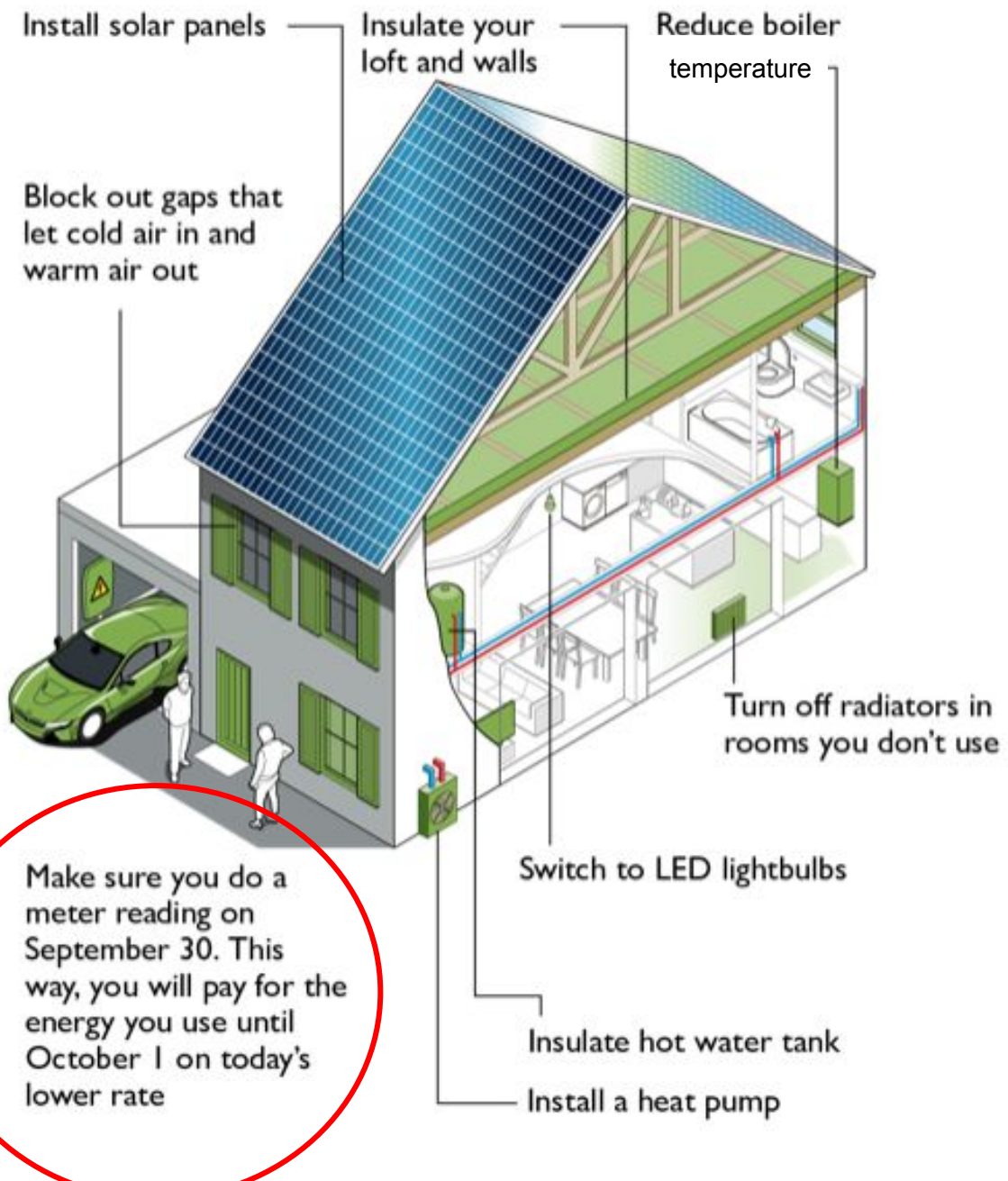
NEA Action for Warm Homes — National Energy Action

Better Housing, Better Health

energy saving trust — Energy Saving Trust

citizens advice — Citizens Advice

How to save on energy bills



Do this at end-September if you're NOT on a smart meter

Before turning down the heating, check what's acceptable for the elderly, infirm or vulnerable

https://www.thetimes.co.uk/article/50cbf02c-250d-11ed-bb7e-0eb11fc7ccd4?shareToken=610ae0aa1128c90201c38c0664189b

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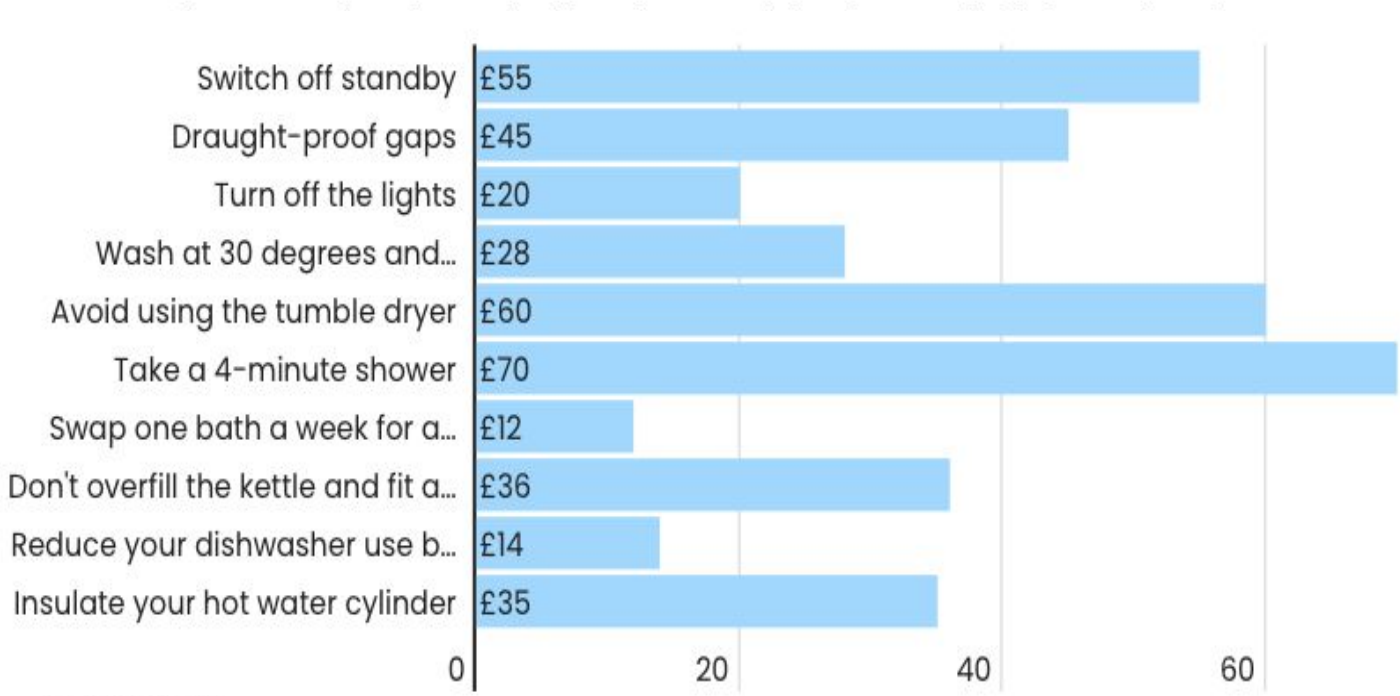
How much could you save?



energy saving trust

- Turning down the thermostat by 1 degree Celsius – £105.
- Turning appliances off rather than leaving them on standby – £55.
- Ensuring lights are switched off when leaving the room – £20.
- Not overfilling the kettle when boiling water – £11.

Doing all these things over the course of a year could save around **£191.**

These savings figures are based on the April 2022 energy price cap of £1,971. In October 2022 the price cap will increase to £3,549. This 80% price rise will similarly INCREASE THE ABOVE ENERGY SAVINGS.

The "Price Cap" represents the typical annual energy bill.
https://energysavingtrust.org.uk/energy-saving-budget/

Thermal Imaging

Here's a thermal image of a leaky door - the cold areas show as dark blue.
Action to cut the draughts and improve wall insulation could fix this problem.

This image shows heat leaking from window "trickle vents". Cold air will be drawn in elsewhere to replace this loss!

Thermal images show where heat is leaking from a building.

They are best taken on a cold day, at least 10 degrees C colder outside than inside.

Warm areas show orange, cold areas blue.

Source: Low Carbon North Oxford H1 - taking stock guide
https://lcon.org.uk/energy/housewarming/

Cosy Thame

Will you be wasting energy heating the street this winter?

Find out how thermally efficient your home is. Register your interest here for a thermal snapshot this November.

COSY THAME

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housewarming

Low Carbon Oxford North

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Great free guides available here

Scan the QR code

Low Carbon Oxford North have produced six Housewarming Guides for those who may be considering upgrading their homes:

H1: Taking Stock
H2: Insulation
H3: Windows and Doors
H4: Draughts and Ventilation
H5: Heating and Controls
H6: Preparing a Whole House Plan

Download these free from

LCON.org.uk/housewarming

What is a smart meter?

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Electricity smart meter

A typical In-home Display provided with smart meters

Gas smart meter

- Smart meters measure how much gas and electricity you use, so no more estimated readings or need to submit readings yourself.
- They send this data wirelessly to your in-home display.
- They also transmit this data to the Data and Communications Company.
- It sends this to your energy company and your energy network.
- Energy networks, which manage the wires and pipes to distribute gas and electricity, use the data to improve their systems.
- Your energy company shows how you're using energy in your online account and app.

You don’t have to accept a smart meter if you don’t want one

Owing to data communications issues, it may take longer to get a smart meter if:

- You live in a rural area
- You live in a high-rise block of flats
- Your home has very thick walls
- Your gas and electricity meters are far apart

Do smart meters need wi-fi?
No. You don’t need wif-fi or a broadband connection in your home to have smart meters. They communicate using a secure national wireless network used only by smart meters.

You can choose:

- how often your smart meter sends data to your gas and electricity firm whether to share your energy-use data with other organisations, for example price comparison websites
- if your supplier can use your data for sales and marketing purposes
- whether your supplier is allowed to share your energy-consumption data with other organisations
- how to access information about your energy data to get most benefit from it.

‘Smart energy’ features are built in and likely to provide access to the best deals in the future

https://www.which.co.uk/reviews/smart-meters/article/smart-meters-explained/what-is-a-smart-meter-artIW8n6atdo

6 actions to overcome the energy crisis

DELTA-EE

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1. Use less energy

73M homes equipped with connected climate controls by 2030 in Europe, giving customers ease-of-use to better programme their heating, saving energy.

90M homes signed up to an energy insights service by 2030, helping them understand their energy consumption and how to act to save energy.

Give people the tools

2. Use a more efficient heating system

25M homes equipped with heat pumps by 2030
Heat pumps are the best types of heating systems for a household in most cases, and work even better with well insulated homes. The high upfront cost barrier can be tackled by aggressive policies and business models, such as Heat as a Service.

The time for heat pumps is NOW

3. Switch to an EV

80M+ EVs on the road by 2030 in Europe
35M+ home EV chargepoints by 2030 in Europe

EVs will quickly become the most sold cars in Europe. They will help customers reduce running costs, they will maximise the use of renewable electricity and they will help improve urban air pollution. The charging infrastructure and financing models must be developed quickly to allow customers to adopt this technology as quickly as possible.

Develop the charging infrastructure to electrify transports urgently

4. Generate your own electricity

20M homes equipped with solar PV by 2030, most of which will be configured for self-consumption. This will allow customers to reduce significantly energy imported from the grid, reducing the impact of energy price spikes during crisis such as today.

Decentralise electricity production at very high scale

5. Maximise the use of self-generated electricity

2.5M residential batteries installed by 2030 in Europe, helping customers store their self-generated electricity when their demand is lower than production, therefore relying even less on the grid.

10M Home Energy Management systems installed in Europe by 2030 will help customers maximise automatically the self-consumption at a higher level, getting closer to being independent from the grid.

Influencing the timing of consumption to maximise renewables

6. Benefit from helping the grid or local energy communities

5M homes could be part of an energy community or a collective self-consumption program by 2030, sharing self-generated electricity locally.

40M homes signed up to dynamic Time-of-Use tariffs by 2030, meaning customers will favour consuming electricity when there is excess production from renewables.

>600 GW worth of residential loads by 2030 which are flexible between heating, cooling, PV, smart EV charging and batteries.

Exchange electricity within the local community

SOURCE: https://www.delta-ee.com/blog/six-actions-to-overcome-the-energy-crisis