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GreenMatch / Blog / How To Save Energy at Home

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12 Energy Saving Tips for Your Home

Have you ever wondered how small changes in each home can lead to a big impact on the environment?

There are numerous tips on home energy conservation, starting from small habits in daily lives to big investments that not only help the environment but also reduce your energy bills. So what are some of the simple tips to reduce energy consumption at home?

This article is based on the opinions of 20 green enthusiasts who share amazing tips and opinions on living a sustainable life by consuming less and transitioning towards renewable energy sources.

Here's what you can read about

- How to save energy at home?
- Top alternative energy sources for homes
- Individual homes can make a difference to the environment
- Tips to improve the energy rating of your home

12 Tips To Save Energy At Home

1 Turn off lights when leaving a room	2 Switch to energy efficient appliances	3 Use LED lights
4 Unplug devices when not in use	5 Keep thermostat at low temperature	6 Reduce water consumption
7 Use smart automated devices	8 Switch to double glazing	9 Cook with the lid on
10 Use a smart meter to track usage	11 Wash at a cold temperature	12 Use solar powered devices

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We asked 20 professionals in the clean energy niche to tell us about their tips and opinions on how we can save energy at home either by switching to renewable energy sources or switching to energy-efficient appliances.

From turning off lights when leaving a room to investing in solar panels, here's what they have to say about moving towards energy-efficient home improvements.

How to Save Energy at Home?

1. Turning off the lights when leaving a room

A basic habit to develop and foster is to make sure that you always turn off the lights when leaving a room. Make a reminder to do so until you get into a habit of doing so subconsciously. You can save a good chunk of your monthly electricity costs by doing something as simple as this regularly.

2. Use LED lights

Many homes are moving towards smart LED lights as they not only look stylish and affordable but are also way more efficient than halogen bulbs.

3. Switching to efficient appliances

Dryers and refrigerators are two of the most energy-intensive appliances in a home and replacing these with better efficient models can cut the electricity usage by half, thereby reducing your electricity bills. Installing heat pumps is another idea to reduce electricity consumption. In general, maintaining and replacing appliances every few years will make them have less burden on your electricity usage.

4. Unplug devices

Needless to say how important it is to unplug devices when not in use. Do not leave devices on standby but rather unplug them and save your electricity bill, and the planet.

5. Lessen water usage

Some easy fixes to reduce your water consumption could be taking quick showers, using just the required amount of water while cooking and turning off running taps when unused even for seconds.

6. Keep the thermostat at a lower temperature

Aim to keep your thermostat at a lower temperature around 17 degrees, this can make a big difference and save your energy costs. Using a programmable smart thermostat is even better.

7. Use smart automated devices

Smart automated devices can lower your energy bills even when you forget to. Smart automation systems will detect when you're no longer using a device and turn off the power supply.

8. Use double glazing door

Double glazing doors and windows are a perfect solution for a modern home as they can significantly reduce the emissions of greenhouse gases from heating and cooling thereby reducing your carbon footprint and also lowering your energy bills.

9. Cook with the lid on

This is a super simple hack in everyday life to save energy consumption, by cooking with the lid you are making sure to lessen the cooking time and water usage significantly.

10. Using smart meter

A smart meter is a great way to see how much power you're consuming, this will help you keep a track of your consumption in real-time, and where you can reduce it.

11. Washing at low temp

Wash clothes at a cooler temperature and with a full load, you will be saving a lot of water and electricity.

12. Solar-powered devices

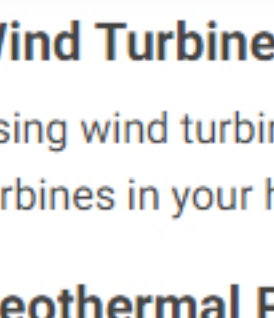
These days you can find a solar-powered version of almost any electronic you use in your home. Making small shifts and using more solar-powered electronics can go a long way and can also lower your maintenance and replacement costs of such electronics.

Top Alternative Sources of Energy for Homes

Solar Panels

Solar panels top the list of the most popular alternative sources of energy that can be used in a home. Considering that you can power your house with a few panels if you're looking for a small jump in energy efficiency, solar is a good way to start moving off the grid and consuming a better source of electricity. There are many advances in solar photovoltaic technology and tax incentives to attract more homeowners.

Costs of investing in solar PV has halved in the past decade, so many people are considering opting for solar panels on their roof to generate their own clean and renewable electricity.



Solar power is a lucrative option for homeowners to increase their home energy efficiency. Want to know your options about which solar panels are most suitable for you? Fill in the form and we'll have suppliers come to you with required information and great offers for you to make the best choice.

Take me to the form

Wind Turbine

Using wind turbines to generate electricity will greatly depend on where you live. Installing small wind turbines in your home is a great eco-friendly option for those living in places with good wind speeds.

Geothermal Power

Using geothermal power for heating and cooling your home is a much more efficient way of investing into energy efficiency. Ground source heat pumps provide consistent heating and cooling throughout your house and are durable and efficient, letting you reap their benefits for decades.

Individual Homes Can Make a Difference to the Environment

Emitting Fewer Pollutants and GHG

Energy efficiency means using less energy which means needing less electricity generation, which means emitting less CO2 and other pollutants. Regardless of the methods used by homeowners to make their homes more efficient, any reduction in energy consumed directly reduces a home's energy-related carbon emissions. This correlates to a reduction in greenhouse gasses released into our atmosphere and an overall improvement to human health and our environment.

Tips to Improve the Energy Rating of Your Home

Living in energy-efficient houses puts individuals into a more favourable position by having lower heating and electricity bills, staying more comfortable and safe during unexpected blackouts, increasing house's resale value and ultimately bringing benefits to one's health. Not only are these types of homes beneficial for their owners but also for the environment. From the viewpoint of the energy system, energy-efficient houses can actively help the power system by demanding less electricity from the grid in times of its shortage as well as supplying this valuable commodity into the system and thus helping it once it is needed.

Consume Less Energy from the Grid

Get an energy assessment done for your house to see the areas you can possibly cut down on your consumption and build up your energy score. There are numerous ways to save energy and consume less from the grid.

Replace Windows with Modern, Efficient Double Glazing

Another way to up your score is by investing in solid double glazing doors and windows that are more modern and efficient.

Energy Smart Landscaping

Smart landscaping design can not only make your home energy efficient in terms of heating and cooling, increasing your energy score but can add great and add beauty to your home.

Wall Insulation

Both loft and wall insulation can reduce your energy bills and help in lowering your consumption, especially in the case of older homes that are not constructed in an energy-efficient manner. This is a good way to boost your score and renew your home to be more energy-efficient.

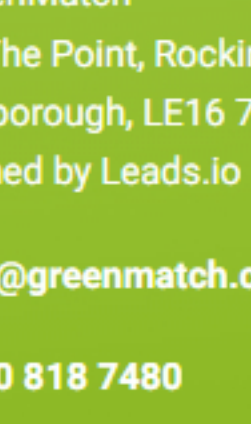
Smart Devices

Every modern home buyer these days is looking for smart homes which ease their lives and reduce their carbon footprint. Smart devices detect the usage of power and turn them when not in use. Humans may forget but they don't, and who doesn't want them in their house? A smart home will only increase in demand and a good way to increase your home value.

We would like to thank all the following experts, eco-friendly enthusiasts and green bloggers for their opinions and contribution.

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Valli is a content writer at GreenMatch since 2017. She has been writing well researched articles about renewable energy, sustainable development and green technologies. She has experience and knowledge about renewable energy products and stays on top of green energy trends. With over 5 years of expertise in the field, her work has been published in various media such as Entrepreneur, Business Insider, Canadian Geographic, uSwitch, and eCycle. The UK government sites have also made use of her work within their publications.

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