

Energy Saving Tips



Let's get right to it. Here are 21 energy saving tips that can easily help you decrease your energy consumption:

Top Ways to Lower Energy Usage






1. Use Energy Efficient Appliances



BLDC Ceiling Fan

Use of BEE 5 star rated appliances. For example, instead of Normal ceiling fan use BLDC Five star rated ceiling fans. BLDC fans are up to 60% more energy-efficient than conventional induction motor fans.

Comparison of Normal fan & 5 Star BLDC fan

	Power Consumption	75W	35W
	Hours of Usage per day	16	16
	KWhr Units per day (Power x Hour/ 100)	1.2	0.56
	Electricity bill per day (₹) @₹ 6.5 / unit	7.8	3.7
	Electricity bill per annum*	2,850	1,350

2. Utilize Smart Technology



3. *Keep Your Temperature Maintained*



4. *Cool Down with Fans*



5. Choose the Best Location for Your AC

The location of your air conditioner matters and should be considered during the installation of the system. For example, if the outdoor unit of your air conditioner is located at a place where it is directly in contact with the sun, then the efficiency of your system would be reduced. This means that your AC would have to work harder, sucking up more energy to provide the cooling you need.

An air conditioner's condenser should be located under a shade and have enough space to dispose of the heat. Choosing the location wisely will increase the efficiency of your system along with your savings

6. Check the Maintenance of Your HVAC Unit



One energy saving tip that is essential on a routine and seasonal basis is HVAC maintenance. Energy efficiency during the summer and winter seasons depend on the condition of your air conditioning or heating system. If there are blockages, such as an unclean air filter, it can cause your unit to work harder, thus consuming more energy.

7. Light Your Home Wisely

LEDs are the most desirable option as the ones marked with Energy Star rating can cut 90% energy use & last 15 times longer! During the daytime, keep your windows open to allow for some free natural lighting and boost your energy efficiency

8. Unplug Your Devices When Not in Use

We often don't care whether our devices are plugged or not in use, but this affects our energy consumption. Leaving your devices plugged at all times can shorten their lives and waste energy – this is known as vampire energy consumption. Especially if there is an indicator light, then you are burning power needlessly.

9. Close Your Refrigerator Door



10. Clean Your Appliances

Make sure there are no blockages and keep your devices in excellent condition

11. Seal Your Windows & Doors

If there are gaps or crevices in your windows and doors, you will lose your cooled air in summer and vice versa warmed air during winter. The outside air would find a way in, making your cooling or heating system run harder to reach your desired temperature.

Finding an air leak is one of the easiest ways to care for your bills and potentially lower your energy costs. Adding insulation and sealing the leaks, gaps, and cracks can help you save up to 10% on utility bills.

12. Install Energy-Efficient Windows

In warmer regions, heat gain through the windows can be a problem, while in colder areas, heat loss through the windows can be a significant source of energy waste. Replacing single-pane windows with double panes in colder regions can help preserve the heat and save your energy bills in winters.



13. Make Use of Natural Air or Sunlight

You can also switch your lights off when it's nice and sunny. Utilizing nature's goodness is free, thus helping you save energy, and there's nothing quite like some fresh sunshine to brighten up your home.

14. Get a Home Energy Audit

A home energy audit gives you an overview of the energy consumption across your home. It provides an assessment: which appliance is taking up how much electricity, what times are the most energy-intensive, and how can you reduce your energy consumption. An energy audit helps you identify and adopt measures to reduce energy usage. Some of the prominent advantages of an energy audit are,

Reduces the consumption of energy.

Lessens damage to the environment.

Saves money by identifying areas of energy wastage.

Helps identify hidden problems.

Helps in increasing the lifespan of your appliances.

Improves the resale value of your house.

Increases your comfort level



15. Use a Smart Power Strip

Even if you are not using an electric appliance, it still takes up small amounts of power. This is known as “Phantom Load” and counts for your annual energy bills. By using a smart power strip, you can remove this problem. A smart power strip automatically turns off when there is no power load on it. Moreover, you can set up schedules and turn the power strip off at pre-set times, such as when you go to bed.

16. Adjust Your Behaviour

The ultimate energy saving tip involves you! You control your home and your appliances, which it is advisable to purchase energy saving equipment. Changing your habits can help save even more! For example, always make sure nothing is running needlessly. Your lights and appliances are turned off as you leave your home, and your charges and appliances are unplugged when not in use. Saving money is the topmost priority of every homeowner, and energy use is one major expense. Moreover, energy use is also detrimental to the environment.

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