



Energy efficient products

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Find all the information you need to choose ENERGY STAR certified products, including rebates, and retailers near you. Products that earn the ENERGY STAR label meet strict energy-efficiency specifications set by the U.S. EPA, helping you save energy and money while protecting our climate by making choices that count for a clean energy future.

Energy-efficient upgrades range from simple switches that cost less than \$20 to major home improvement investments. Below are general categories of popular energy-efficient products to help reduce your electric bill and build a smarter, greener home.

Find all the information you need to start shopping for ENERGY STAR certified products, including product details, rebates, and retailers near you. Products that earn the ENERGY STAR label meet strict energy-efficiency specifications set by the U.S. EPA helping you save energy and money while protecting the environment.

These small, affordable, energy-efficient products can add up to save you a bunch of energy--and money. Some of them work better than the old energy-hogging versions that they replace. Start exploring your options .

As subject matter experts, we provide only objective information. We design every article to provide you with deeply-researched, factual, useful information so that you can make informed home electrification and financial decisions. We have:

We won't charge you anything to get quotes through our marketplace. Instead, installers and other service providers pay us a small fee to participate after we vet them for reliability and suitability. To learn more, read about how we make money, our Dispute Resolution Service, and our Editorial Guidelines.

Energy-efficient measures achieve the same amount of useful output as their traditional alternatives while consuming less energy. With energy costs and environmental concerns on the rise, energy-efficient products and practices enable utility customers across the country to reduce their energy bills and greenhouse gas emissions. This article breaks down the economic and environmental benefits of energy efficiency and outlines various financing opportunities for those looking to invest in energy efficiency.

Energy conservation reduces consumption by minimizing activities that require energy, whereas energy efficiency practices optimize the energy use of the activities you're already engaging in. These two concepts are inherently similar but involve different methods. Turning down the heat in the winter conserves energy by using less; installing an energy-efficient heat pump system consumes less energy than a conventional furnace while maintaining your preferred temperature.

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Burning fossil fuels for electricity, heat, and transportation is the country's biggest contributor to greenhouse gas emissions. Still, about 60% of U.S. electricity generation in 2022 came from fossil fuels. As you improve your home's energy efficiency, you need less electricity and rely less on carbon-intensive power plants. This reduces your home's demand from the plant, which benefits the environment by reducing carbon dioxide emissions.

The U.S. Department of Energy (DOE) estimates that you can save anywhere from 5-30% on your utility bills by switching to energy-efficient appliances and home upgrades. Energy-efficient appliances consume less energy without sacrificing quality and are an excellent way to save on your energy expenditures.

Energy-efficient products and services can cost more than conventional ones, but the electricity savings from energy-efficient measures should eventually offset their extra cost. Energy efficient upgrades generate an "implicit return" that increases over time due to rising energy costs.

In the real estate market, energy-efficient homes frequently sell for a higher price than standard homes with comparable features. Every project that increases your home's energy efficiency adds a fraction of its cost to the final selling price.

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